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United States
Department of
Agriculture

Cooperative
State Research
Service

April 1983

Inventory of Agricultural Research FY 1981

Volume III
Table V

Research Program Summary

SCIENCE AND EDUCATION
IN AGRICULTURE



USDA • UNIVERSITIES

INVENTORY OF AGRICULTURAL RESEARCH

VOLUME III

(Table V)

Scientist Years by Research Program Group (RPG)
and Research Program (RP)

FISCAL YEAR 1981

Fiscal Year 1981 covers the period from October 1,
1980 through September 30, 1981

This report was compiled from data supplied to the
Current Research Information System, Cooperative
State Research Service, by U.S. Department of
Agriculture Research Agencies, State Agricultural
Experiment Stations, Forestry Schools and Other
Cooperating Institutions

Issued by

COOPERATIVE STATE RESEARCH SERVICE
SCIENCE AND EDUCATION
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

DECEMBER 1982

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I N T R O D U C T I O N

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966, on research conducted by the USDA, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study, A National Program of Research for Agriculture, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA research agencies on Forms AD 416, AD 417, and AD 418, and by State Agricultural Experiment Stations and other Institutions on Forms AD 416, AD 417 and AD 419. (See Table of Contents)

The Inventory is composed of five tables published in three volumes. Volume I (Tables I-A and I-B) reports scientist years and amount of funds by each performing organization, by designated Research Problem Area (RPA) and Commodity subdivisions. The I-A Tables show data for RPA X Commodity; I-B Tables show total research for each Research Problem Area.

Volume II includes Tables in the II, III and IV series. Tables in the II series show scientist years and funds for State Agricultural Experiment Stations, Forestry Schools, Other Cooperating Institutions, and USDA agencies. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for State stations and other non-Federal institutions by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the Long-Range Study. The II-D, III-D, and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the Long-Range Study. The II-E, III-E, and IV-E Tables provide summaries of funds and scientist years by agency or station.

Table V in Volume III shows scientist years by Research Program Group (RPG) and Research Program (RP). RP's and RPG's are made up of unique combinations determined by type of research (Agricultural or Forestry), commodity, and Research Problem Areas (RPA) classification.

Funds appearing in Volumes I and II are gross figures. This means that funds not allocated to specific research projects but considered to be an integral part of the cost of doing research are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects varies among the stations and USDA agencies. It usually includes administration, supervision, and personnel and financial services. It may include publications and statistical services, rent, operation of research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972 Tables III and IV in Volume II reflected net funds.

Research Work Unit/Project Classification - Listings of the appropriate classification categories are included in each of the volumes. More complete descriptions of classification can be found in the "Manual of Classification of Agricultural and Forestry Research" available from the Cooperative State Research Service, U.S. Department of Agriculture.

Classification on individual Research Work Unit/Projects are provided on Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

"Activity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton)
"Field of Science" - 0412 (Entomology), "Problem Area" - 207
(Insect pests of Field Crops) - 100%

Some inputs (projects) could not be classified on a single classification "line." For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input form, three-fourths of the emphasis was on disease resistance and one-fourth on yield, the lines would be:

"Activity" - 4600 (Disease control), "Commodity" - 1400 (Corn).
"Field of Science" - 0512 (Genetics), "Problem Area" - 208
(Control of disease of Field Crops) - 75%

"Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn),
"Field of Science" - 0512 (Genetics), "Problem Area" - 307
(Improvement of biological efficiency of Field Crops) - 25%

In the Problem Area tabulations, 75% of the scientist years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of diseases of Field Crops," and 25% would be aggregated with other projects in the Problem Area "Improvement of biological efficiency of Field Crops." In the Commodity tabulations, 100% of this project would be in "corn."

VOLUME III

Note: Effective with Fiscal Year 1980 data, a number of changes were made to the Research Program Group (RPG) and Research Program (RP) structures described in this publication. Added visibility for the Food and Human Nutrition Research area was achieved by removing it from former RPG 5.00 - People, Communities and Institutions and establishing a new RPG 8.00 - Food Science and Human Nutrition. The title for RPG 5.00 was amended to "People, Communities and Institutions - including Rural Development" and two new RP's were added. Commodity oriented research, formerly classified under RPG-7.00 General Research or Technology, was moved to the appropriate major category (RPG) by adding a number of new RPs to RPG 1.00 - Natural Resources, RPG 2.00 - Forestry, RPG 3.00 - Crops, and RPG 4.00 - Animals. Additionally, former RP 7.01 was split into two RPs. Please see the RPG/RP table for the specific changes.

The material in this Volume has been organized into manageable units and sub-units based on type of research (agricultural or forestry), Commodity, and Research Problem Area (RPA) classification. The various Commodity X RPA combinations for the two types of research aggregate to 63 Research Programs (RPs) which, in turn, aggregate to eight (8) Research Program Groups (RPGs). One additional RP/RPG has been established for unclassified projects. In this publication Forestry Research includes all research performed by Forest Service, Forestry Schools, funded by McIntire-Stennis, or designated Forestry by the Cooperative State Research Service. All other research is considered agricultural research. Duplication has been eliminated by designating each unique Type X Activity X Commodity X RPA combination as having a primary impact on only one of the 63 RPs. For example, a research project conducted by the Agricultural Research Service concerning watershed protection, Activity 4820 "Protection against Flood" Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having a primary impact on RP 1.02 "Water and Watersheds." A research project conducted by the Forest Service concerning watershed protection Activity 4820 "Protection against Flood" Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having primary impact on RP 2.04 "Forest Watersheds, Soils, and Pollution."

The Research Program key shows the Type X Activity X Commodity X RPA combinations that aggregate to each RP. Columns 3 and 4 (agricultural) and 3 and 5 (forestry) show the combinations which have a primary impact on each research program.

The SYS are listed by performing organization except for USDA Contracts, Grants and Cooperative Agreements with organizations other than the State Agricultural Experiment Stations. These SYS are listed by funding organization.

U.S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH RESUME U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER INSTITUTIONS				DATE (Day, Month, Year)		AMENDMENT ☐	
1. ACCESSION NO.		2. AGENCY IDENTIFICATION NO.		3. WORK UNIT/PROJECT NO.		4. STATUS New ☐ Extended ☐ Revised ☐ Term- inated ☐ Pend- ing ☐	
7. TITLE							
8. PERFORMING ORGANIZATION				13. RESPONSIBLE ORGANIZATION			
CITY		STATE/COUNTRY		ZIP CODE		14. STATE	
12. INVESTIGATOR NAME(S) (Last name & initials)		15. RESPONSIBLE INDIVIDUAL (Last name & initials)		16. RESEARCH LOCATION ON CAMPUS		17. ZIP CODE	
1		4		A ☐ Yes B ☐ No			
2		5					
3		6					
PROJECT TYPE				CONTRACTS, GRANTS AND COOPERATIVE AGREEMENTS			
17.1. FOR USDA USE		17.2. FOR USDA USE		18.1. FOR STATE USE		18.4. CONTR./GR./AGMT./NO.	
A ☐ Contract B ☐ Grant		Contr./Gr./ Agmt. with		18.5. FOR STATE USE		18.2. TOTAL SYS.	
C ☐ Coop. Agmt. D ☐ In-house		SAES Other A ☐ B ☐		AR ESCS FS A ☐ B ☐ C ☐		20. F Y	
21. FACILITIES				22-23. REGIONAL PROJECT NO.			
A ☐ Federally-owned B ☐ Federally-leased C ☐ Combined D ☐ State E ☐ Other							
24. OBJECTIVES 25. APPROACH (Use space needed for "24. OBJECTIVES"; then indicate "25. APPROACH")							
27. KEYWORDS							
RECOMMENDED				APPROVED Check applicable one CONCURRED			
SIGNATURE		TITLE		SIGNATURE		TITLE	
DATE				DATE			
28. AWARD DATE (Day, Mo., Yr.)		29. START DATE (Day, Mo., Yr.)		30. TERMINATION (Day, Mo., Yr.)		DURATION (Months)	
FOR USDA USE				SIGNATURE DATE			
☐ Project referred and cleared by all interested agencies for entry into CRIS.							

FORM AD-416 (6/79)

U.S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - CLASSIFICATION OF RESEARCH U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATION AND OTHER INSTITUTIONS				DATE (Day, Month, Year)	
1. ACCESSION NO.		2. AGENCY IDENTIFICATION NO.		3. WORK UNIT/PROJECT NO.	
32. BASIC RESEARCH		33. APPLIED RESEARCH		34. DEVELOPMENT EFFORT	
%		%		%	
35. FORESTRY				%	
CLASSIFICATION BY ACTIVITY, COMMODITY, SCIENCE, AND RESEARCH PROBLEM AREA					
ACTIVITY		COMMODITY		SCIENCE	
CODE (1)	% (2)	CODE (3)	% (4)	CODE (5)	% (6)
36.					
37.					
38.					
39.					
40.					
41.					
42.					
43.					
44.					
45.					
46.					
47.					
SPECIAL CLASSIFICATION					
Fields 48-77 are used to identify special areas of research such as Pollution, Health and Medical, Tobacco-Health, Weather, Nuclear Radiation, Poverty, Natural Beauty, Sub-Commodities, Pesticide Targets, Water Resources, Energy, Home Economics, Sub-Activities (SEA/AR) and Special Research Programs (SEA/AR). Refer to your agency manual for specific codes and instructions.					
CODE	%	CODE	%	CODE	%
48.		54.		60.	
49.		55.		61.	
50.		56.		62.	
51.		57.		63.	
52.		58.		64.	
53.		59.		65.	
54.		66.		72.	
55.		67.		73.	
56.		68.		74.	
57.		69.		75.	
58.		70.		76.	
59.		71.		77.	
79. COOPERATORS					
A ☐ USDA B ☐ Other Federal Agencies C ☐ Industry and other D ☐ State					
83. REPORTING DEPARTMENT WITHIN STATE PERFORMING INSTITUTION					
COOPERATING DEPARTMENTS WITHIN STATE PERFORMING INSTITUTION					
80.					
81.					
82.					

AD FORM 417
JUN 1979

7111

U.S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER					DATE (Day, mo., yr.)	
U.S. DEPARTMENT OF AGRICULTURE USE ONLY						
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.		3. WORK UNIT/PROJECT NO.	22-23. REGIONAL PROJECT NO.		
7. TITLE						

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION			FIELD NUMBER	
FEDERAL RESEARCH FUNDS USDA APPROPRIATIONS				
Regular, In House		(101)		
Regular, Contracts, Grants, Agreements with AES		(102)		
Regular, Contracts, Grants, Agreements with Others		(103)		
Special Funds (015) (ARS) In House		(104)		
Special Funds (010) (ARS) In House		(105)		
Forest Service Research Contracts		(106)		
Other USDA (Identify):		(107)		
TOTAL		(131)		
OTHER FEDERAL RESEARCH FUNDS				
Energy Research and Development Administration		(310)		
Agency for International Development		(308)		
Department of Defense		(311)		
National Institutes of Health		(314)		
Public Health Service		(312)		
Health Education and Welfare (Other)		(313)		
National Aeronautics and Space Administration		(314)		
Tennessee Valley Authority		(315)		
Foreign Agricultural Research (PL 480)		(117)		
Other Federal Funds (Identify):		(318)		
TOTAL		(332)		
NON - FEDERAL RESEARCH FUNDS				
Trust Funds, In House		(120)		
Trust Funds, Contracts, Grants, Agreements with AES		(121)		
Trust Funds, Contracts, Grants, Agreements with Others		(122)		
Other Non-Federal Funds (Identify):		(123)		
TOTAL		(133)		
TOTAL ALL RESEARCH FUNDS AT LOCATION		(134)		
STAFF SUPPORT				
FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)				
Scientists (GS-11 and above)		(141)		
Professional Support		(142)		
Technical Support		(143)		
Clerical, Labor and Other		(144)		
TOTAL STAFF YEARS		(350)		
SUBMITTED BY		TITLE		

UNITED STATES DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND STAFF SUPPORT					DATE (Day, mo., year)	
FOR STATE AND OTHER NON-FEDERAL INSTITUTION USE						
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.		3. WORK UNIT/PROJECT NO.	22-23. REGIONAL PROJECT NO.		TYPE/GRANT NO.
7. TITLE						

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION (Round to nearest whole dollar)			FIELD NUMBER	FY ACTUAL \$
FEDERAL RESEARCH FUNDS CSRS ADMINISTERED				
Hatch Funds		(201)		
Regional Research Funds		(202)		
McIntire Stennis Funds		(203)		
Grants for Research (PL 89-106)		(204)		
☐ Special Grants ☐ Competitive Grants				
Other Funds				
☐ Animal Health Sec. 1433 ☐ Alcohol Fuels Sec. 1419				
☐ 1890/Tuskegee Sec. 1445 ☐ Rural Development Title V				
☐ Native Latex PL 95-592 ☐ Other (Identify):				
TOTAL		(231)		
OTHER FEDERAL RESEARCH FUNDS				
USDA Contracts Grants Co-op Agreements (Identify Agency):		(219)		
National Science Foundation		(209)		
Department of Energy		(310)		
Agency for International Development		(308)		
Department of Defense		(311)		
National Institutes of Health		(316)		
Public Health Service		(312)		
Health and Human Services		(313)		
National Aeronautics and Space Administration		(314)		
Tennessee Valley Authority		(315)		
Other Federal Funds (Identify):	\$			
CSRS Administered "Pass Through" Funds				
AID Nitrogen Fixation				
EPA Strip Mine Reclamation				
Department of Energy				
Forest Service				
Other (Identify):		(318)		
TOTAL		(332)		
NON-FEDERAL RESEARCH FUNDS				
State Appropriations		(220)		
Sale of Products		(221)		
Industry Grants and Agreements		(222)		
Other Non-Federal Funds		(223)		
TOTAL		(233)		
TOTAL ALL RESEARCH FUNDS AT LOCATION		(234)		
STAFF SUPPORT				
NON-FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)				
Scientists (Assistant Professor and above)		(241)		
Professional Support		(242)		
Technical Support		(243)		
Clerical, Labor, and Other		(244)		
TOTAL STAFF YEARS		(350)		
SUBMITTED BY (Signature)		TITLE		

RESEARCH PROGRAM GROUP/RESEARCH PROGRAM

RPG 1.00 NATURAL RESOURCES

- RP 1.01 Soil and Water Use
- RP 1.02 Water and Watersheds
- RP 1.03 Recreation
- RP 1.04 Environmental Quality
- RP 1.05 Weather Modification for Agriculture and Forestry
- RP 1.06 Fish and Wildlife
- RP 1.07 Remote Sensing
- 1/ RP 1.08 Aquatic Weeds
- 1/ RP 1.09 Natural Resource - General

RPG 2.00 FORESTRY

- RP 2.01 Inventory and Appraisal of Forest Resources
- RP 2.02 Timber Management
- RP 2.03 Forest Protection
- RP 2.04 Harvesting Processing and Marketing Forest Products
- RP 2.05 Forest Watersheds, Soils Pollution
- RP 2.06 Forest Range Wildlife and Fisheries Habitat Develop
- RP 2.07 Forest Recreation and Aesthetics and other Landscape Values
- RP 2.08 Alternative Uses of Land
- RP 2.09 Technical Assistance
- 1/ RP 2.10 Trees, Forests and Forest Products - General
- 1/ RP 2.11 Forest and Range Resources

RPG 3.00 CROPS (Field and Horticultural)

- RP 3.01 Corn
- RP 3.02 Grain Sorghum
- RP 3.03 Wheat
- RP 3.04 Small Grains other than Wheat
- RP 3.05 Rice
- RP 3.06 Soybeans
- RP 3.07 Peanuts
- RP 3.08 Sugar
- RP 3.09 Forage, Range and Pasture
- RP 3.10 Cotton
- RP 3.11 Tobacco
- RP 3.12 New Crops and Minor Oilseeds
- RP 3.13 Fruit
- RP 3.14 Vegetable Crops
- RP 3.15 Plants to Enhance the Environment
- RP 3.16 Bees and other Pollinating Insects
- 1/ RP 3.17 Weeds in Crops
- 1/ RP 3.18 Seeds
- 1/ RP 3.19 Nonspecific Plants

- 1/ New RPs includes research previously classified under former
RP 7.01-General Resource or Technology.

RESEARCH PROGRAM GROUP/RESEARCH PROGRAM

RPG 4.00 ANIMALS

- RP 4.01 Beef
- RP 4.02 Dairy
- RP 4.03 Poultry
- RP 4.04 Sheep
- RP 4.05 Swine
- RP 4.06 Other Animals (Horses, Goats, Pets, Laboratory, etc.)
- RP 4.07 Aquatic Food and Feedstuffs
- 1/ RP 4.08 Nonspecific Animals
- 1/ RP 4.09 Invertebrates

2/ RPG 5.00 PEOPLE, COMMUNITIES AND INSTITUTIONS INCLUDING RURAL DEVELOPMENT

- 4/ RP 5.01 Individuals and Families
- 4/ RP 5.02 Living Environment
- 4/ RP 5.03 Communities, Institutions and Services
- RP 5.04 Insects Affecting Man and his Belongings
- RP 5.05 Research on Administration of Research

RPG 6.00 COMPETITION/TRADE/ADJUST/PRICE AND INCOME

- RP 6.01 Farm Adjustment, Prices and Income
- RP 6.02 Foreign Agricultural Trade and Economic Development
- RP 6.03 Marketing and Competition

RPG 7.00 GENERAL RESOURCE OR TECHNOLOGY

- 1/ RP 7.01 Manmade Resources
- 1/ RP 7.02 Technology not Associated with Specific Commodities,
Resources of RPGs

RPG 8.00 FOOD SCIENCE AND HUMAN NUTRITION

- 3/ RP 8.01 Human Nutrition
- 3/ RP 8.02 Food Processing
- 3/ RP 8.03 Food Safety
- 3/ RP 8.04 Food Storage, Distribution and Marketing
- 1/ RP 8.05 Food Service

- 1/ New RPs includes research previously classified under former
RP 7.01-General Resource of Technology
- 2/ New RPGs includes research previously classified under former
RPG 5.00-People, Communities and Institutions
- 3/ New RPs includes research previously classified under former
RP 5.01-Food and Nutrition and RP 5.02-Food Safety
- 4/ New RPs includes research previously classified under former
RP 5.03-Rural Development and Quality of Family Living

ACTIVITY

Conservation, Development and Use of Soil, Water and Other Natural Resources

- 4100 Resource description and inventory
- 4300 Resource development, conservation, and management
- 4400 Evaluation of alternative uses and methods of use

Protection of Man, Commodities, Resources and their Products from Losses, Damage or Discomfort

- 4500 Protection against insects, mites, snails and Slugs and their control agents
- 4600 Protection against diseases, parasites and nematodes and their control agents
- 4700 Protection against weeds and their control agents
- 4810 Protection against fire
- 4820 Protection against flood
- 4830 Protection against pollutants
- 4840 Protection against climatic extremes (frost, hail, wind, drought, etc.)
- 4850 Protection against birds
- 4860 Protection against rodents and other mammals
- 4870 Protection against molds, fungi and other spoilage organisms
- 4880 Protection against allergens, toxins and poisonous plants
- 4890 Protection against radiation, noise and other hazards

Efficient Production and Quality Improvement

- 4900 Biology of plants and animals
- 5000 Improving biological efficiency of plants and animals
- 5100 Increasing consumer acceptability of farm and forest products
- 5200 Mechanization, improvement of physical efficiency and development of structures and facilities
- 5300 Management of labor, capital, and other inputs

Food Product Development and Processing*

- 5410 Chemical and physical properties of food
- 5420 Biochemical and chemical reactions in food
- 5430 Sensory properties of food
- 5510 Food physical processes (canning, freesing, dehydration, milling, separation, extraction)
- 5520 Food bio-processes (enzyme and microbial applications)
- 5530 Food chemical processes (salt, sugar, acid)
- 5540 Food processing efficiencies (management of energy, water, wastes)
- 5550 Food product handling, packaging, and storage

* Includes new series for previously unexpanded Activities:

5410-5430 replaces 5400

5510-5550 replaces 5500

ACTIVITY (continued)

Non-Food Product Development and Processing

- 5600 Chemical and physical properties of non-food products
- 5700 Developing new and improved non-food products and processes

Efficient Marketing, including Pricing and Quality

- 5800 Identification, measurement, and maintenance of quality
- 5900 Improving economic and physical efficiency in marketing including analysis of market structure and functions
- 6000 Analysis of supply, demand and price, including interregional competition
- 6100 Developing domestic markets, including consumer preference and behavior
- 6200 Foreign trade, market development, and competition

Improvement of Human Nutrition and Consumer Satisfaction*

- 6310 Nutrient composition of food
- 6320 Human nutrient requirements
- 6330 Food fortification, enrichment, and improvement
- 6340 Food consumption patterns and use
- 6360 Metabolism and function of nutrients in food
- 6370 Human nutrition and behavior
- 6380 Human nutritional monitoring and surveillance
- 6390 Eating quality of food

Improvement of Family Life, Housing, and Management and use of Personal, Domestic, and Other Resources*

- 6410 Quality of family living
- 6420 Quality of housing
- 6430 Improvement of domestic and community water and waste systems
- 6450 Quality of management and use of personal, domestic and other resources

Development of Human Resources and Economies of Communities, Areas and Nations*

- 6500 Description, inventory, and trends
- 6600 Economic development and adjustment
- 6710 Improvement of social well-being
- 6720 Improvement of social services and facilities
- 6730 Community, family and individual adjustment to social change
- 6740 Community, family and individual adjustment to economic change

General Methodology, Technology, and Evaluation

- 7000 Design of experiments and methods of statistical analysts
- 7100 Improvement of research administration
- 7200 Information documentation and retrieval
- 7300 Evaluation of public programs, policies, and services
- 7400 Improvement of agricultural statistics
- 7500 Development of research equipment and technology

* Includes new series for previously unexpanded Activities:

- 6310-6390 replaces 6300
- 6410-6450 replaces 6400
- 6710-6740 replaces 6700

CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RESEARCH

COMMODITY, RESOURCE OR TECHNOLOGY NOT
ASSOCIATED WITH SPECIFIC COMMODITIES

COMMODITIES OR RESOURCES

0100 Soil and Land
0200 Water
0300 Watersheds and River Basins
0400 Air and Climate
0500 Recreation Resources
0600 Trees, Forests and Forest Products (Excluding Edible Tree Nut
Crops (See 1015), and Tung (See 2560)
0700 Range
0800 Fish, Shellfish, Game and Fur-Bearing Animals and Other Wildlife
and their Habitats
0900 Citrus and Subtropical Fruit
1000 Deciduous and Small Fruits and Edible Tree Nuts
1100 Potatoes
1200 Vegetables
1300 Ornamentals and Turf
1400 Corn (Includes Popcorn). (For Sweetcorn, See 1280)
1500 Grain Sorghum
1600 Rice
1700 Wheat
1800 Other Small Grains
1900 Pasture
2000 Forage Crops
2100 Cotton (Including Cottonseed for Planting Purposes)
2200 Cottonseed (For Meal, Oil, etc.)
2300 Soybeans
2400 Peanuts
2500 Other Oilseed and Oil Crops (Excluding Cottonseed)
2600 Tobacco
2700 Sugar Crops
2800 Miscellaneous and New Crops
2900 Poultry
3000 Beef Cattle
3100 Dairy Cattle
3200 Swine
3300 Sheep and Wool
3400 Other Animals (See 0850 for Fur-Bearing Animals)
3500 Bees and Honey and Other Pollinating Insects
3600 General Purpose Supplies
Includes: Machinery, Equipment, Fertilizers, Feedstuffs, and
Pesticides
3700 Clothing and Textiles
3800 Food (Not Readily Associated with Specific Plant and Animal
Products)
3900 Structures and Facilities
4000 People as Individual Workers, Consumers and Members of Society
4100 The Family and Its Members
4200 The Farm as a Business Enterprise

COMMODITY OR RESOURCE

4300 Communities, Areas and Regions, including Counties and States and
their Institutions and Organizations

4400 Agricultural Economy of United States and Sectors thereof, includ-
ing interrelationships with the Total Economy

4500 Agricultural Economy of Foreign Countries and Sectors thereof,
including Interrelationships with the Total Economy

4600 Farmer Cooperatives

4700 Marketing, Processing and Supply Firms other than Cooperatives

4800 Marketing Systems and Sectors thereof

6100 Weeds

6200 Seed Research

6300 Biological Cell Systems

6400 Experimental Design and Statistical Methods

6500 Invertebrates (Including Insects, Mites, Ticks, Snails, Slugs,
and Leeches)

6600 Microorganisms, Viruses, Etc.

6700 Plants

6800 Animals (Vertebrates)

6900 Research on Research Management (Not Research Management per se)

7000 Research Equipment and Technology (Such as Remote Sensing)

RESEARCH PROBLEM AREAS (RPA'S)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

- 101 Appraisal of Soil Resources
- 102 Soil, Plant, Water, Nutrient Relationships
- 103 Management of Saline and Sodic Soils and Salinity
- 104 Alternative Uses of Land
- 105 Conservation and Efficient Use of Water
- 106 Efficient Drainage and Irrigation Systems and Facilities
- 107 Watershed Protection and Management
- 108 Economic and Legal Problems in Management of Water and Watersheds
- 109 Adaptation to Weather and Weather Modification
- 110 Appraisal of Forest and Range Resources
- 111 Biology, Culture and Management of Forests and Timber-Related Crops
- 112 Improvement of Range Resources
- 113 Remote Sensing
- 114 Research on Management of Research

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

- 201 Control of Insects Affecting Forests
- 202 Control of Diseases, Parasites and Nematodes Affecting Forests
- 203 Prevention and Control of Forest and Range Fires
- 204 Control of Insects, Mites, Slugs, and Snails on Fruit and Vegetable Crops
- 205 Control of Diseases and Nematodes of Fruit and Vegetable Crops
- 206 Control of Weeds and Other Hazards to Fruit and Vegetable Crops
- 207 Control of Insects, Mites, Snails, and Slugs Affecting Field Crops and Range
- 208 Control of Diseases and Nematodes of Field Crops and Range
- 209 Control of Weeds and Other Hazards of Field Crops and Range
- 210 Control of Insects and External Parasites Affecting Livestock, Poultry, and Other Animals
- 211 Control of Diseases of Livestock, Poultry and Other Animals
- 212 Control of Internal Parasites of Livestock, Poultry, and Other Animals
- 213 Protect Livestock, Poultry and Other Animals from Toxic Chemicals, Poisonous Plants, and Other Hazards
- 214 Protection of Plants, Animals, and Man from Harmful Effects of Pollution

**GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST PRODUCTS
AT DECREASING REAL PRODUCTION COSTS**

- 301 Genetics and Breeding of Forest Trees
- 302 New and Improved Forest Engineering Systems
- 303 Economics of Timber Production
- 304 Improvement of Biological Efficiency of Fruit and Vegetable Crops
- 305 Mechanization of Fruit and Vegetable Crop Production

- 306 Production Management Systems for Fruits and Vegetables
- 307 Improvement of Biological Efficiency of Field Crops
- 308 Mechanization of Production of Field Crops
- 309 Production Management Systems for Field Crops
- 310 Reproductive Performance of Livestock, Poultry and Other Animals

- 311 Improvement of Biological Efficiency in Production of Livestock, Poultry
and Other Animals
- 312 Environmental Stress in Production of Livestock, Poultry and Other Animals
- 313 Production Management Systems for Livestock, Poultry and Other Animals

- 314 Bees and Other Pollinating Insects
- 315 Improvement of Structures, Facilities and General Purpose Farm Supplies
and Equipment
- 316 Farm Business Management
- 317 Mechanization and Structures Used in Production of Livestock, Poultry and
Other Animals
- 318 Non-Commodity-Oriented Biological Technology and Biometry

**GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY DEVELOPING
NEW AND IMPROVED PRODUCTS AND PROCESSES AND ENHANCING
PRODUCT QUALITY**

- 401 New and Improved Forest Products
- 402 Production of Fruit and Vegetable Crops with Improved Acceptability
- 403 New and Improved Fruit and Vegetable Products and Byproducts
- 404 Quality Maintenance in Storing and Marketing Fruits and Vegetables
- 405 Production of Field Crops with Improved Acceptability

- 406 New and Improved Food Products from Field Crops
- 407 New and Improved Feed, Textile, and Industrial Products from Field Crops

- 408 Quality Maintenance in Storing and Marketing Field Crops
- 409 Production of Animal Products with Improved Acceptability

- 410 New and Improved Meat, Milk, Eggs, and Other Animal Food Products
- 411 New and Improved Non-Food Animal Products
- 412 Quality Maintenance in Marketing Animal Products

GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

- 501 Improvement of Grades and Standards--Crop and Animal Products
- 502 Development of Markets and Efficient Marketing of Timber and Related Products
- 503 Efficiency in Marketing Agricultural Products and Production Inputs*
- 506 Supply, Demand and Price Analysis--Crop and Animal Products

- 507 Competitive Interrelationships in Agriculture
- 508 Development of Domestic Markets for Farm Products
- 509 Performance of Marketing Systems
- 510 Group Action and Market Power
- 511 Improvement in Agricultural Statistics

- 512 Improvement of Grades and Standards of Forest Products
- 513 Supply, Demand and Price Analysis--Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

- 601 Foreign Market Development
- 602 Evaluation of Foreign Food Aid Programs
- 603 Technical Assistance to Developing Countries
- 604 Product Development and Marketing for Foreign Markets

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND WELL-BEING OF THE AMERICAN PEOPLE

- 701 Insure Food Products Free of Toxic Residues from Agricultural Sources
- 702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
- 703 Food Choices, Habits, and Consumption
- 704 Home and Commercial Food Service

- 705 Selection and Care of Clothing and Household Textiles
- 706 Control of Insect Pests of Man and His Belongings
- 707 Prevent Transmission of Animal Diseases and Parasites to Man
- 708 Human Nutrition
- 709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

- 801 Housing
- 802 Individual and Family Decision Making and Resource Use and Family Functioning
- 803 Causes of Poverty Among Rural People
- 804 Improvement of Economic Potential of Rural People

*This RPA incorporates research formerly included under RPA's 503, 504, and 505.

GOAL VIII: (Continued)

- 805 Communication and Education Processes**
- 806 Individual and Family Adjustment to Change**
- 807 Structural Changes in Agriculture**
- 808 Government Programs to Balance Farm Output and Market Demand**

**GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF BEAUTY,
RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY, AND PUBLIC SERVICES**

- 901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes**
- 902 Outdoor Recreation**
- 903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs**
- 904 Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife**
- 905 Trees to Enhance Rural and Urban Environment**
- 906 Culture and Protection of Ornamentals and Turf**
- 907 Improved Income Opportunities in Rural Communities**
- 908 Improvement of Rural Community Institutions and Services**

RESEARCH PROGRAM GROUP (RPG) 1.00 NATURAL RESOURCES

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
1.01: SOIL & LAND USE		0100	101, 102, 103, 104, 105, 106, 107	103, 105, 106 -
1.02: WATER & WATERSHEDS		0200	102, 103, 104, 105, 106, 107, 108	102, 103, 106, 108 -
		0300	102, 104, 105, 107, 108, 302, 903	102, 104, 108 -
		3900	106, 107	106, 107
1.03: RECREATION		0500	902, 903	-
		0600	902	-
1.04: ENVIRONMENTAL QUALITY		0100	901	-
		0200	901	-
		0300	901	-
		0400	901	-
		0500	214	-
		0600	214, 901	-
		0700	214	-
		0800	214, 901	-
		0900	214, 901	214, 901
		1000	214, 901	214, 901
		1100	214, 901	214, 901
		1200	214, 901	214, 901
		1300	901	901
		1400	214, 901	214, 901
		1500	214, 901	214, 901
		1600	214, 901	214, 901
		1700	214, 901	214, 901
		1800	214, 901	214, 901
		1900	214, 901	214, 901
		2000	214, 901	-
		2100	214, 901	214, 901
		2200	901	901
		2300	214, 901	214, 901
		2400	214, 901	214, 901
		2500	214, 901	214, 901
		2600	214, 901	214, 901
		2700	214, 901	214, 901
		2800	214, 901	214, 901
		2900	214, 901	214, 901
		3000	214, 901	214, 901
		3100	214, 901	214, 901
		3200	214, 901	214, 901
		3300	214, 901	214, 901
		3400	214, 901	214, 901
		3600	901	901
		3800	901	901
		3900	901	901
		4000	214	214
		6100	901	901
		6500	214	214
		6600	901	901
		6700	214, 901	214, 901
		6800	214, 901	214, 901
		7000	214	214
1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY		0100	109	109
		0200	109	109
		0300	109	109
		0400	109	109
		0600	109	109
		0700	109	109
		0900	109	109
		1000	109	109
		1100	109	109
		1200	109	109
		1300	109	109
		1400	109	109
		1500	109	109
		1600	109	109
		1700	109	109
		1800	109	109
		1900	109	109
		2000	109	109
		2100	109	109
		2200	109	109
		2300	109	109
		2400	109	109
		2500	109	109
		2600	109	109
		2700	109	109
		2800	109	109
		6500	109	109
		6700	109	109
		7000	109	109
1.06: FISH & WILDLIFE		0800	410, 412, 903, 904	410, 412
		0810 (2)	409, 410, 411, 412, 501, 903, 904	409, 410, 411, 412, 501 -
		0830 (2)	409, 410, 411, 412, 501, 903, 904	409, 410, 411, 412, 501 -
		0840 (2)	409, 410, 411, 412, 501, 903, 904	409, 410, 411, 412, 501 -
		0850 (2)	409, 410, 411, 412, 501, 903, 904	409, 410, 411, 412, 501 -
		0860 (2)	409, 410, 411, 412, 501, 903, 904	409, 410, 411, 412, 501 -
		0870 (2)	409, 410, 411, 412, 501, 903, 904	409, 410, 411, 412, 501 -
		0880 (2)	409, 410, 411, 412, 501, 903, 904	409, 410, 411, 412, 501 -
		0890 (2)	409, 410, 411, 412, 501, 903, 904	409, 410, 411, 412, 501 -
		0899 (2)	409, 410, 411, 412, 501, 903, 904	409, 410, 411, 412, 501 -
		3600	904	904

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 1.00 NATURAL RESOURCES

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
1.06: FISH & WILDLIFE		3900	904	904
		6500	904	904
1.07: REMOTE SENSING		0100	113	113
		0200	113	113
		0300	113	113
		0400	113	113
		0500	113	113
		0600	113	-
		0700	113	113
		0800	113	113
		0900	113	113
		1000	113	113
		1100	113	113
		1200	113	113
		1300	113	113
		1400	113	113
		1500	113	113
		1600	113	113
		1700	113	113
		1800	113	113
		1900	113	113
		2000	113	113
		2100	113	113
		2200	113	113
		2300	113	113
		2400	113	113
		2500	113	113
		2600	113	113
		2700	113	113
		2800	113	113
		3900	113	113
		6100	113	113
		6700	113	113
		7000	113	-
1.08: AQUATIC WEEDS		6100	105	105

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 2.00 FOREST RESOURCES

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES		0100 0200 0500 0600 0700 0800 7000	110 110 110 110 - 110 -	110 110 110 110, 113 110 110 113
2.02: TIMBER MANAGEMENT		0600 2000	111, 301 -	111, 301 307
2.03: FOREST PROTECTION		0600 0700 0800 6500 6600	201, 202, 203 - 203 201 202	201, 202, 203 203 203 201 202
2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS		0300 0600 3600 3900	- 302, 303, 401, 502, 512, 513, 601, 604 513 401, 513	302 302, 303, 401, 502, 512, 513, 601, 604, 808 513 401, 513
2.05: FOREST WATERSHEDS, SOILS, POLLUTION		0100 0200 0300 0400 0500 0600 0700 0800 2000	- - - - - 102, 103, 105, 106, 107 - - -	101, 102, 107, 901 105, 107, 901 105, 107, 901 901 214 102, 103, 105, 106, 107, 214, 901 103, 105, 106, 107, 214 214, 901 103, 107, 214, 901
2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT		0600 0700 0800 0810 (2) 0830 (2) 0840 (2) 0850 (2) 0860 (2) 0870 (2) 0880 (2) 0890 (2) 0899 (2)	904 - - - - - - - - - - -	904 112 904 904 904 904 904 904 904 904 904 904
2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES		0500 0600 0700 1000 1391 (2)	- - - - -	902 902, 905 905 906 106, 905, 906
2.08: ALTERNATE USES OF LAND		0100 0200 0300 0500 0600 0700 0800 0810 (2) 0830 (2) 0840 (2) 0850 (2) 0860 (2) 0870 (2) 0880 (2) 0890 (2) 0899 (2)	- - - - 903 - - - - - - - - - -	104 104 903 903 903 903 903 903 903 903 903 903 903 903 903
2.09: TECHNICAL ASSISTANCE		0600 6103	603 209	603 209
2.10: TREES FORESTS & FOREST PRODUCTS--GENERAL		0600	318	318
2.11: FOREST & RANGE RESOURCES		7000	110, 111, 302	110, 111, 302

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 3.00 CROPS (FIELD & HORTICULTURAL)

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
3.01: CORN		1400	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501, 709	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501, 709
3.02: GRAIN SORGHUM		1500	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501
3.03: WHEAT		1700	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501, 709	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501, 709
3.04: SMALL GRAINS OTHER THAN WHEAT		1800	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501
3.05: RICE		1600	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501
3.06: SOYBEANS		2300	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501, 709	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501, 709
3.07: PEANUTS		2400	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501
3.08: SUGAR		2700	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501
3.09: FORAGE, RANGE, & PASTURE		0700	102, 103, 105, 106, 107, 110, 112, 203, 207, 208, 209, 903, 904	102, 207, 208, 209, 904
		1900	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501
		2000	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501	102, 105, 106, 207, 208, 209, 308, 309, 405, 406, 407, 408, 501
3.10: COTTON		2100	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 407, 408, 501, 709	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 407, 408, 501, 709
		2200	308, 405, 406, 407, 408, 501	308, 405, 406, 407, 408, 501
3.11: TOBACCO		2600	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 407, 408, 501, 709	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 407, 408, 501, 709
3.12: NEW CROPS & MINOR OILSEEDS		2500	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501	102, 103, 105, 106, 107, 207, 208, 209, 307, 308, 309, 405, 406, 407, 408, 501
		2800	102, 103, 105, 106, 107, 204, 205, 206, 207, 208, 209, 304, 305, 306, 307, 308, 309, 402, 403, 404, 405, 406, 407, 408, 501, 709	102, 103, 105, 106, 107, 204, 205, 206, 207, 208, 209, 304, 305, 306, 307, 308, 309, 402, 403, 404, 405, 406, 407, 408, 501, 709
3.13: FRUIT		0900	102, 103, 105, 106, 107, 204, 205, 206, 304, 305, 306, 402, 403, 404, 501	102, 103, 105, 106, 107, 204, 205, 206, 304, 305, 306, 402, 403, 404, 501
		1000	102, 103, 105, 106, 107, 204, 205, 206, 304, 305, 306, 402, 403, 404, 501, 906	102, 103, 105, 106, 107, 204, 205, 206, 304, 305, 306, 402, 403, 404, 501
3.14: VEGETABLE CROPS		1100	102, 103, 105, 106, 107, 204, 205, 206, 304, 305, 306, 402, 403, 404, 501	102, 103, 105, 106, 107, 204, 205, 206, 304, 305, 306, 402, 403, 404, 501
		1200	102, 103, 105, 106, 107, 204, 205, 206, 304, 305, 306, 402, 403, 404, 501	102, 103, 105, 106, 107, 204, 205, 206, 304, 305, 306, 402, 403, 404, 501
3.15: PLANTS TO ENHANCE THE ENVIRONMENT		0600	905	-
		0700	905	-
		1300	102, 103, 105, 106, 107, 905, 906	102, 103, 105, 106, 107, 905, 906
		1310 (2)	106, 905, 906	106, 905, 906
		1320 (2)	106, 905, 906	106, 905, 906
		1330 (2)	106, 905, 906	106, 905, 906
		1391 (2)	106, 905, 906	-
		1399 (2)	106, 905, 906	106, 905, 906
3.16: BEES & OTHER POLLINATING INSECTS		3500	314	314
3.17: WEEDS IN CROPS		6100	102, 106, 206, 318	102, 106, 206, 318
3.18: SEEDS		6200	102, 106, 304, 307, 318, 402, 405, 408, 501	102, 106, 304, 307, 318, 402, 405, 408, 501
3.19: NONSPECIFIC-PLANTS		6700	102, 103, 105, 106, 107, 204, 205, 206, 207, 208, 209, 304, 305, 306, 307, 308, 309, 318, 402, 403, 404, 405, 406, 407, 408, 501	102, 103, 105, 106, 107, 204, 205, 206, 207, 208, 209, 304, 305, 306, 307, 308, 309, 318, 402, 403, 404, 405, 406, 407, 408, 501
		7000	304, 307, 402, 405	304, 307, 402, 405

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 4.00 ANIMALS

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL						FORESTRY					
			RESEARCH PROBLEM AREA (RPA)						RESEARCH PROBLEM AREA (RPA)					
4.01: BEEF		3000	210, 211, 212, 213, 310, 311, 312, 313, 317, 409, 410, 411, 412, 501						210, 211, 212, 213, 310, 311, 312, 313, 317, 409, 410, 411, 412, 501					
4.02: DAIRY		3100	210, 211, 212, 213, 310, 311, 312, 313, 317, 409, 410, 411, 412, 501						210, 211, 212, 213, 310, 311, 312, 313, 317, 409, 410, 411, 412, 501					
4.03: POULTRY		2900	210, 211, 212, 213, 310, 311, 312, 313, 317, 409, 410, 411, 412, 501						210, 211, 212, 213, 310, 311, 312, 313, 317, 409, 410, 411, 412, 501					
4.04: SHEEP		3300	210, 211, 212, 213, 310, 311, 312, 313, 317, 409, 410, 411, 412, 501, 709						210, 211, 212, 213, 310, 311, 312, 313, 317, 409, 410, 411, 412, 501, 709					
4.05: SWINE		3200	210, 211, 212, 213, 310, 311, 312, 313, 317, 409, 410, 411, 412, 501						210, 211, 212, 213, 310, 311, 312, 313, 317, 409, 410, 411, 412, 501					
4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)		3400	210, 211, 212, 213, 310, 311, 312, 313, 317, 409, 410, 411, 412, 501						210, 211, 212, 213, 310, 311, 312, 313, 317, 409, 410, 411, 412, 501					
4.07: AQUATIC FOOD & FEEDSTUFFS		0800	409, 411, 501						409, 411, 501					
		0820 (2)	409, 410, 411, 412, 501, 903, 904						409, 410, 411, 412, 501, 903, 904					
		0821 (2)	409, 410, 411, 412, 501, 903, 904						409, 410, 411, 412, 501, 903, 904					
		0822 (2)	409, 410, 411, 412, 501, 903, 904						409, 410, 411, 412, 501, 903, 904					
4.08: NONSPECIFIC-ANIMALS		6600	211, 212						211, 212					
		6800	210, 211, 212, 213, 310, 311, 312, 313, 317, 318, 409, 410, 411, 412, 501						210, 211, 212, 213, 310, 311, 312, 313, 317, 318, 409, 410, 411, 412, 501					
		7000	311, 410						311, 410					
4.09: INVERTEBRATES		6500	210, 211, 212, 318						210, 211, 212, 318					

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 5.00 PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
5.01: INDIVIDUALS AND FAMILIES	6310	4000	805	805
		4100	805	805
	6320	4000	805	805
		4100	805	805
	6330	4000	805	805
		4100	805	805
	6340	4000	805	805
		4100	805	805
	6360	4000	805	805
		4100	805	805
	6370	4000	805	805
		4100	805	805
	6380	4000	805	805
		4100	805	805
	6390	4000	805	805
		4100	805	805
	6410	4000	802	802
		4100	802	802
	6420	4000	802	802
		4100	802	802
	6430	4000	802	802
		4100	802	802
	6450	4000	802	802
		4100	802	802
	6500	4000	806	806
		4100	806	806
	6600	4000	806	806
		4100	806	806
	6710	4000	802, 805, 806	802, 805, 806
		4100	802, 805, 806	802, 805, 806
	6720	4000	802	802
		4100	802	802
	6730	4000	802, 805, 806	802, 805, 806
		4100	802, 805, 806	802, 805, 806
	6740	4000	802, 805, 806	802, 805, 806
		4100	802, 805, 806	802, 805, 806
	7000	4000	708	708
5.02: LIVING ENVIRONMENT	4500	0600	801	801
		3900	801	801
		4000	801	801
		4100	801	801
	4810	0600	801	801
		3700	709	709
		3900	709, 801	709, 801
		4000	801	801
		4100	801	801
	4820	0600	801	801
		3900	801	801
		4000	801	801
		4100	801	801
	4830	0600	801	801
		3700	705, 709	705, 709
		3900	709, 801	709, 801
		4000	801	801
		4100	801	801
	4840	0600	801	801
		3700	709	709
		3900	709, 801	709, 801
		4000	801	801
		4100	801	801
	4850	0600	801	801
		3900	801	801
		4000	801	801
		4100	801	801
	4860	0600	801	801
		3900	801	801
		4000	801	801
		4100	801	801
	4870	0600	801	801
		3700	705	705
		3900	801	801
		4000	801	801
		4100	801	801
	4880	3700	709	709
		3900	709	709
	4890	0600	801	801
		3700	709	709
		3900	709, 801	709, 801

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 5.00 PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
5.02: LIVING ENVIRONMENT	4890	4000	801	801
		4100	801	801
	5100	3700	705	705
	5200	3600	317	317
	5600	3700	407, 705	407, 705
	5700	3700	407, 705	407, 705
	5800	3700	407	407
	6100	0600	801	801
		3900	801	801
		4000	801	801
		4100	801	801
	6410	0600	801	801
		3700	705	705
		3900	801	801
		4000	801	801
		4100	801	801
	6420	0600	801	801
		3700	705	705
		3900	801	801
		4000	801	801
		4100	801	801
	6430	0600	801	801
		3900	801	801
		4000	801	801
		4100	801	801
	6450	0600	801	801
		3700	705	705
		3900	801	801
		4000	801	801
		4100	801	801
	6500	0600	801	801
		3900	801	801
		4000	801	801
		4100	801	801
	6710	0600	801	801
		3900	801	801
		4000	801	801
		4100	801	801
	6730	0600	801	801
		3900	801	801
		4000	801	801
		4100	801	801
	6740	0600	801	801
		3900	801	801
		4000	801	801
		4100	801	801
5.03: COMMUNITIES INSTITUTIONS AND SERVICES	4100	4300	902	902
	4300	4300	902	902
	4500	4300	902	902
	4600	4000	707	707
		4100	707	707
	4700	4300	902	902
	4810	3600	709	709
		4000	709	709
		4100	709	709
	4830	3600	709	709
		4000	709	709
		4100	709	709
	4840	3600	709	709
		4000	709	709
		4100	709	709
	4880	3600	709	709
		4000	709	709
		4100	709	709
	4890	3600	709	709
		4000	709	709
		4100	709	709
	4900	4000	707	707
		4100	707	707
	6310	4300	805	805
	6320	4300	805	805
	6330	4300	805	805
	6340	4300	805	805
	6360	4300	805	805
	6370	4300	805	805
	6380	4300	805	805

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 5.00 PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
5.03: COMMUNITIES INSTITUTIONS AND SERVICES	6390	4300	805	805
	6430	4300	908	908
	6500	4000	803, 804, 907	803, 804, 907
		4100	803, 804, 907	803, 804, 907
		4300	803, 804, 806, 902, 907, 908	803, 804, 806, 902, 907, 908
	6600	4000	803, 804, 907	803, 804, 907
		4100	803, 804, 907	803, 804, 907
		4300	803, 804, 806, 907, 908	803, 804, 806, 907, 908
	6710	4000	803, 804, 907	803, 804, 907
		4100	803, 804, 907	803, 804, 907
		4300	803, 804, 805, 806, 902, 907, 908	803, 804, 805, 806, 902, 907, 908
	6720	0600	801	801
		3900	801	801
		4000	801, 803, 804, 805, 806, 907	801, 803, 804, 805, 806, 907
		4100	801, 803, 804, 805, 806, 907	801, 803, 804, 805, 806, 907
		4300	803, 804, 805, 806, 902, 907, 908	803, 804, 805, 806, 902, 907, 908
	6730	4000	803, 804, 907	803, 804, 907
		4100	803, 804, 907	803, 804, 907
		4300	803, 804, 805, 806, 902, 907, 908	803, 804, 805, 806, 902, 907, 908
	6740	4000	803, 804, 907	803, 804, 907
		4100	803, 804, 907	803, 804, 907
		4300	803, 804, 805, 806, 902, 907, 908	803, 804, 805, 806, 902, 907, 908
	7000	4000	907	907
		4100	907	907
		4300	907	907
	7200	4000	805, 907	805, 907
		4100	805, 907	805, 907
		4300	805, 907	805, 907
	7300	4000	803, 805, 907	803, 805, 907
		4100	803, 805, 907	803, 805, 907
		4300	803, 805, 902, 907, 908	803, 805, 902, 907, 908
5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	4500	3700	706	706
		3900	706	706
		4000	706	706
		6500	706	706
	4900	3700	706	706
		3900	706	706
		4000	706	706
		6500	706	706
5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	7100	6900	114	114
	7200	6900	114	114

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 6.00 COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
6.01: FARM ADJUSTMENT, PRICES & INCOME		0600	808	-
		0700	808	808
		0800	808	808
		0900	808	808
		1000	808	808
		1100	808	808
		1200	808	808
		1400	808	808
		1500	808	808
		1600	808	808
		1700	808	808
		1800	808	808
		1900	808	808
		2000	808	808
		2100	807, 808	807, 808
		2200	808	808
		2300	808	808
		2400	808	808
		2500	808	808
		2600	807, 808	807, 808
		2700	808	808
		2800	808	808
		2900	807, 808	807, 808
		3000	807, 808	807, 808
		3100	807, 808	807, 808
		3200	807, 808	807, 808
		3300	807, 808	807, 808
		3400	807, 808	807, 808
		3600	315	315
		3900	315	315
		4200	316, 807, 808	316, 807, 808
		4300	807	807
		4400	807, 808	807, 808
		4600	807	807
		4700	807	807
		4800	807, 808	807, 808
		6400	511	511
		6700	315, 808	315, 808
		6800	315, 808	315, 808
		7000	511	511
6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT		0100	603	603
		0200	603	603
		0300	603	603
		0400	603	603
		0500	603	603
		0700	603	603
		0800	601, 603, 604	601, 603, 604
		0900	601, 603, 604	601, 603, 604
		1000	601, 603, 604	601, 603, 604
		1100	601, 603, 604	601, 603, 604
		1200	601, 603, 604	601, 603, 604
		1300	603	603
		1400	601, 603, 604	601, 603, 604
		1500	601, 603, 604	601, 603, 604
		1600	601, 603, 604	601, 603, 604
		1700	601, 603, 604	601, 603, 604
		1800	601, 603, 604	601, 603, 604
		1900	601, 603, 604	601, 603, 604
		2000	601, 603, 604	601, 603, 604
		2100	601, 603, 604	601, 603, 604
		2200	601, 603, 604	601, 603, 604
		2300	601, 603, 604	601, 603, 604
		2400	601, 603, 604	601, 603, 604
		2500	601, 603, 604	601, 603, 604
		2600	601, 603, 604	601, 603, 604
		2700	601, 603, 604	601, 603, 604
		2800	601, 603, 604	601, 603, 604
		2900	601, 603, 604	601, 603, 604
		3000	601, 603, 604	601, 603, 604
		3100	601, 603, 604	601, 603, 604
		3200	601, 603, 604	601, 603, 604
		3300	601, 603, 604	601, 603, 604
		3400	601, 603, 604	601, 603, 604
		3500	603	603
		3600	601, 603, 604	601, 603, 604
		3700	601, 603, 604	601, 603, 604
		3800	601, 603, 604	601, 603, 604
		3900	603	603
		4000	603	603
		4100	603	603
		4200	603	603
		4300	603	603
		4400	601, 603	601, 603
		4500	601, 602, 603	601, 602, 603
		4600	603	603
		4700	603	603
		4800	603	603
		6100	603	603
		6200	603, 604	603, 604
		6300	603	603
		6400	603	603
		6500	603	603
		6600	603	603
		6700	603	603
		6800	603	603
		6900	603	603
		7000	603	603
6.03: MARKETING & COMPETITION		0100	503	503
		0800	506, 508	506, 508
		0900	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		1000	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		1100	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		1200	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		1400	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		1500	503, 506, 507, 508, 509	503, 506, 507, 508, 509

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 6.00 COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
6.03: MARKETING & COMPETITION		1600	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		1700	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		1800	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		1900	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		2000	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		2100	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		2200	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		2300	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		2400	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		2500	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		2600	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		2700	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		2800	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		2900	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		3000	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		3100	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		3200	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		3300	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		3400	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		3600	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		3700	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		3800	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		3900	503, 509	503, 509
		4400	503, 506	503, 506
		4600	503, 509, 510	503, 509, 510
		4700	503, 508, 509, 510	503, 508, 509, 510
		4800	503, 509, 510	503, 509, 510
		6200	503, 506	503, 506
		6700	503, 506, 507, 508, 509	503, 506, 507, 508, 509
		6800	503, 506, 507, 508, 509	503, 506, 507, 508, 509

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 7.00 GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
7.01: MANMADE RESOURCES		3600 3900 7000	501 317 318	501 317 318
7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS		6300 6400 6500 6600	102, 106, 318 102, 106, 318 204, 207, 208 102, 106, 205, 208, 318	102, 106, 318 102, 106, 318 204, 207, 208 102, 106, 205, 208, 318

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 8.00 FOOD SCIENCES AND HUMAN NUTRITION

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
8.01: HUMAN NUTRITION	5510	0800	708	708
		0900	708	708
		1000	708	708
		1100	708	708
		1200	708	708
		1400	708	708
		1500	708	708
		1600	708	708
		1700	708	708
		1800	708	708
		1900	708	708
		2000	708	708
		2200	708	708
		2300	708	708
		2400	708	708
		2500	708	708
		2700	708	708
		2800	708	708
		2900	708	708
		3000	708	708
		3100	708	708
		3200	708	708
		3300	708	708
		3400	708	708
		3800	708	708
		4000	708	708
		4100	708	708
		6700	708	708
		6800	708	708
	5520	0800	708	708
		0900	708	708
		1000	708	708
		1100	708	708
		1200	708	708
		1400	708	708
		1500	708	708
		1600	708	708
		1700	708	708
		1800	708	708
		1900	708	708
		2000	708	708
		2200	708	708
		2300	708	708
		2400	708	708
		2500	708	708
		2700	708	708
		2800	708	708
		2900	708	708
		3000	708	708
		3100	708	708
		3200	708	708
		3300	708	708
		3400	708	708
		3800	708	708
		4000	708	708
		4100	708	708
		6700	708	708
		6800	708	708
	5530	0800	708	708
		0900	708	708
		1000	708	708
		1100	708	708
		1200	708	708
		1400	708	708
		1500	708	708
		1600	708	708
		1700	708	708
		1800	708	708
		1900	708	708
		2000	708	708
		2200	708	708
		2300	708	708
		2400	708	708
		2500	708	708
		2700	708	708
		2800	708	708
		2900	708	708
		3000	708	708
		3100	708	708
		3200	708	708
		3300	708	708
		3400	708	708
		3800	708	708
		4000	708	708
		4100	708	708
		6700	708	708
		6800	708	708
	5540	0800	708	708
		0900	708	708
		1000	708	708
		1100	708	708
		1200	708	708
		1400	708	708
		1500	708	708
		1600	708	708
		1700	708	708
		1800	708	708
		1900	708	708
		2000	708	708
		2200	708	708
		2300	708	708
		2400	708	708
		2500	708	708
		2700	708	708

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 8.00 FOOD SCIENCES AND HUMAN NUTRITION

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
8.01: HUMAN NUTRITION	5540	2800	708	708
		2900	708	708
		3000	708	708
		3100	708	708
		3200	708	708
		3300	708	708
		3400	708	708
		3800	708	708
		4000	708	708
		4100	708	708
	5550	6700	708	708
		6800	708	708
		0800	708	708
		0900	708	708
		1000	708	708
		1100	708	708
		1200	708	708
		1400	708	708
		1500	708	708
		1600	708	708
	6310	1700	708	708
		1800	708	708
		1900	708	708
		2000	708	708
		2200	708	708
		2300	708	708
		2400	708	708
		2500	708	708
		2700	708	708
		2800	708	708
	6320	2900	708	708
		3000	708	708
		3100	708	708
		3200	708	708
		3300	708	708
		3400	708	708
		3800	708	708
		4000	708	708
		4100	708	708
		6700	708	708
	6330	6800	708	708
		0800	703, 708	703, 708
		0900	703, 708	703, 708
		1000	703, 708	703, 708
		1100	703, 708	703, 708
		1200	703, 708	703, 708
		1400	703, 708	703, 708
		1500	703, 708	703, 708
		1600	703, 708	703, 708
		1700	703, 708	703, 708
	6320	1800	703, 708	703, 708
		1900	703, 708	703, 708
		2000	703, 708	703, 708
		2200	703, 708	703, 708
		2300	703, 708	703, 708
		2400	703, 708	703, 708
		2500	703, 708	703, 708
		2700	703, 708	703, 708
		2800	703, 708	703, 708
		2900	703, 708	703, 708
	6330	3000	703, 708	703, 708
		3100	703, 708	703, 708
		3200	703, 708	703, 708
		3300	703, 708	703, 708
		3400	703, 708	703, 708
		3800	703, 708	703, 708
		4000	703, 708	703, 708
		4100	703, 708	703, 708
		6700	708	708
		6800	708	708
	6330	0800	703, 708	703, 708
		0900	703, 708	703, 708
		1000	703, 708	703, 708
		1100	703, 708	703, 708
		1200	703, 708	703, 708

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 8.00 FOOD SCIENCES AND HUMAN NUTRITION

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL		FORESTRY	
			RESEARCH PROBLEM AREA (RPA)		RESEARCH PROBLEM AREA (RPA)	
8.01: HUMAN NUTRITION	6330	1400	703,	708	703,	708
		1500	703,	708	703,	708
		1600	703,	708	703,	708
		1700	703,	708	703,	708
		1800	703,	708	703,	708
		1900	703,	708	703,	708
		2000	703,	708	703,	708
		2200	703,	708	703,	708
		2300	703,	708	703,	708
		2400	703,	708	703,	708
		2500	703,	708	703,	708
		2700	703,	708	703,	708
		2800	703,	708	703,	708
		2900	703,	708	703,	708
		3000	703,	708	703,	708
		3100	703,	708	703,	708
		3200	703,	708	703,	708
		3300	703,	708	703,	708
		3400	703,	708	703,	708
		3800	703,	708	703,	708
		4000	703,	708	703,	708
	6340	4100	703,	708	703,	708
		6700	708		708	
		6800	708		708	
		0800	703,	708	703,	708
		0900	703,	708	703,	708
		1000	703,	708	703,	708
		1100	703,	708	703,	708
		1200	703,	708	703,	708
		1400	703,	708	703,	708
		1500	703,	708	703,	708
		1600	703,	708	703,	708
		1700	703,	708	703,	708
		1800	703,	708	703,	708
		1900	703,	708	703,	708
		2000	703,	708	703,	708
		2200	703,	708	703,	708
		2300	703,	708	703,	708
		2400	703,	708	703,	708
		2500	703,	708	703,	708
		2700	703,	708	703,	708
		2800	703,	708	703,	708
		2900	703,	708	703,	708
		3000	703,	708	703,	708
		3100	703,	708	703,	708
		3200	703,	708	703,	708
		3300	703,	708	703,	708
		3400	703,	708	703,	708
		3800	703,	708	703,	708
		4000	703,	708	703,	708
		4100	703,	708	703,	708
	6360	6700	708		708	
		6800	708		708	
		0800	703,	708	703,	708
		0900	703,	708	703,	708
		1000	703,	708	703,	708
		1100	703,	708	703,	708
		1200	703,	708	703,	708
		1400	703,	708	703,	708
		1500	703,	708	703,	708
		1600	703,	708	703,	708
		1700	703,	708	703,	708
		1800	703,	708	703,	708
		1900	703,	708	703,	708
		2000	703,	708	703,	708
		2200	703,	708	703,	708
		2300	703,	708	703,	708
		2400	703,	708	703,	708
		2500	703,	708	703,	708
		2700	703,	708	703,	708
		2800	703,	708	703,	708
		2900	703,	708	703,	708
		3000	703,	708	703,	708
		3100	703,	708	703,	708
		3200	703,	708	703,	708
		3300	703,	708	703,	708
		3400	703,	708	703,	708
		3800	703,	708	703,	708
		4000	703,	708	703,	708
		4100	703,	708	703,	708
	6370	6700	708		708	
		6800	708		708	
		0800	703,	708	703,	708
		0900	703,	708	703,	708
		1000	703,	708	703,	708
		1100	703,	708	703,	708
		1200	703,	708	703,	708
		1400	703,	708	703,	708
		1500	703,	708	703,	708
		1600	703,	708	703,	708
		1700	703,	708	703,	708
		1800	703,	708	703,	708
		1900	703,	708	703,	708
		2000	703,	708	703,	708
		2200	703,	708	703,	708
		2300	703,	708	703,	708
		2400	703,	708	703,	708
		2500	703,	708	703,	708
		2700	703,	708	703,	708
		2800	703,	708	703,	708
		2900	703,	708	703,	708
		3000	703,	708	703,	708
		3100	703,	708	703,	708
		3200	703,	708	703,	708
		3300	703,	708	703,	708

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 8.00 FOOD SCIENCES AND HUMAN NUTRITION

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
8.01: HUMAN NUTRITION	6370	3400	703, 708	703, 708
		3800	703, 708	703, 708
		4000	703, 708	703, 708
		4100	703, 708	703, 708
		6700	708	708
		6800	708	708
	6380	0800	703, 708	703, 708
		0900	703, 708	703, 708
		1000	703, 708	703, 708
		1100	703, 708	703, 708
		1200	703, 708	703, 708
		1400	703, 708	703, 708
		1500	703, 708	703, 708
		1600	703, 708	703, 708
		1700	703, 708	703, 708
		1800	703, 708	703, 708
		1900	703, 708	703, 708
		2000	703, 708	703, 708
		2200	703, 708	703, 708
		2300	703, 708	703, 708
		2400	703, 708	703, 708
		2500	703, 708	703, 708
		2700	703, 708	703, 708
		2800	703, 708	703, 708
		2900	703, 708	703, 708
		3000	703, 708	703, 708
		3100	703, 708	703, 708
		3200	703, 708	703, 708
		3300	703, 708	703, 708
		3400	703, 708	703, 708
		3800	703, 708	703, 708
		4000	703, 708	703, 708
		4100	703, 708	703, 708
		6700	708	708
		6800	708	708
	6390	0800	703, 708	703, 708
		0900	703, 708	703, 708
		1000	703, 708	703, 708
		1100	703, 708	703, 708
		1200	703, 708	703, 708
		1400	703, 708	703, 708
		1500	703, 708	703, 708
		1600	703, 708	703, 708
		1700	703, 708	703, 708
		1800	703, 708	703, 708
		1900	703, 708	703, 708
		2000	703, 708	703, 708
		2200	703, 708	703, 708
		2300	703, 708	703, 708
		2400	703, 708	703, 708
		2500	703, 708	703, 708
		2700	703, 708	703, 708
		2800	703, 708	703, 708
		2900	703, 708	703, 708
		3000	703, 708	703, 708
		3100	703, 708	703, 708
		3200	703, 708	703, 708
		3300	703, 708	703, 708
		3400	703, 708	703, 708
		3800	703, 708	703, 708
		4000	703, 708	703, 708
		4100	703, 708	703, 708
		6700	708	708
		6800	708	708
	7000	0800	703, 708	703, 708
		0900	703, 708	703, 708
		1000	703, 708	703, 708
		1100	703, 708	703, 708
		1200	703, 708	703, 708
		1400	703, 708	703, 708
		1500	703, 708	703, 708
		1600	703, 708	703, 708
		1700	703, 708	703, 708
		1800	703, 708	703, 708
		1900	703, 708	703, 708
		2000	703, 708	703, 708
		2200	703, 708	703, 708
		2300	703, 708	703, 708
		2400	703, 708	703, 708
		2500	703, 708	703, 708
		2700	703, 708	703, 708
		2800	703, 708	703, 708
		2900	703, 708	703, 708
		3000	703, 708	703, 708
		3100	703, 708	703, 708
		3200	703, 708	703, 708
		3300	703, 708	703, 708
		3400	703, 708	703, 708
		3800	703, 708	703, 708
		4000	703	703
		4100	703, 708	703, 708
		6700	708	708
		6800	708	708
	7300	0800	703, 708	703, 708
		0900	703, 708	703, 708
		1000	703, 708	703, 708
		1100	703, 708	703, 708
		1200	703, 708	703, 708
		1400	703, 708	703, 708
		1500	703, 708	703, 708
		1600	703, 708	703, 708
		1700	703, 708	703, 708
		1800	703, 708	703, 708
		1900	703, 708	703, 708

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 8.00 FOOD SCIENCES AND HUMAN NUTRITION

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
8.01: HUMAN NUTRITION	7300	2000	703, 708	703, 708
		2200	703, 708	703, 708
		2300	703, 708	703, 708
		2400	703, 708	703, 708
		2500	703, 708	703, 708
		2700	703, 708	703, 708
		2800	703, 708	703, 708
		2900	703, 708	703, 708
		3000	703, 708	703, 708
		3100	703, 708	703, 708
		3200	703, 708	703, 708
		3300	703, 708	703, 708
		3400	703, 708	703, 708
		3800	703, 708	703, 708
		4000	703, 708	703, 708
		4100	703, 708	703, 708
		6700	708	708
		6800	708	708
8.02: FOOD PROCESSING	4900	3800	318, 402, 405, 409	318, 402, 405, 409
	5000	3800	405	405
	5100	3800	402, 405, 409	402, 405, 409
	5410	3800	318, 402, 403, 404, 405, 406, 408, 409, 410, 412	318, 402, 403, 404, 405, 406, 408, 409, 410, 412
	5420	3800	318, 402, 403, 404, 405, 406, 408, 409, 410, 412	318, 402, 403, 404, 405, 406, 408, 409, 410, 412
	5430	3800	318, 402, 403, 404, 405, 406, 408, 409, 410, 412	318, 402, 403, 404, 405, 406, 408, 409, 410, 412
	5510	3800	402, 403, 405, 406, 409, 410	402, 403, 405, 406, 409, 410
	5520	3800	402, 403, 405, 406, 409, 410	402, 403, 405, 406, 409, 410
	5530	3800	402, 403, 405, 406, 409, 410	402, 403, 405, 406, 409, 410
	5540	3800	402, 403, 405, 406, 409, 410	402, 403, 405, 406, 409, 410
	5550	3800	402, 403, 405, 406, 409, 410	402, 403, 405, 406, 409, 410
	5600	3800	318, 402, 403, 404, 405, 409	318, 402, 403, 404, 405, 409
	5700	3800	402, 403, 405, 409	402, 403, 405, 409
	6310	3800	403, 406, 410	403, 406, 410
	6330	3800	403, 406, 410	403, 406, 410
	6390	3800	403, 406, 410	403, 406, 410
	7000	3800	318	318
	7500	3800	318, 402, 405, 409, 410	318, 402, 405, 409, 410
8.03: FOOD SAFETY	4500	0800	701	701
		0900	701	701
		1000	701	701
		1100	701	701
		1200	701	701
		1400	701	701
		1500	701	701
		1600	701	701
		1700	701	701
		1800	701	701
		1900	701	701
		2000	701	701
		2200	701	701
		2300	701	701
		2400	701	701
		2500	701	701
		2700	701	701
		2800	701	701
		2900	701	701
		3000	701	701
	4600	0800	701	701
		0900	701	701
		1000	701	701
		1100	701	701
		1200	701	701
		1400	701	701
		1500	701	701
		1600	701	701
		1700	701	701
		1800	701	701
		1900	701	701
		2000	701	701
		2200	701	701
		2300	701	701
		2400	701	701
		2500	701	701
		2700	701	701
		2800	701	701

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 8.00 FOOD SCIENCES AND HUMAN NUTRITION

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
8.03: FOOD SAFETY	4600	2900	701	701
		3000	701	701
		3100	701	701
		3200	701	701
		3300	701	701
		3400	701	701
		3800	701	701
		6100	701	701
		6300	701	701
		6700	701	701
		6800	701	701
	4700	0800	701	701
		0900	701	701
		1000	701	701
		1100	701	701
		1200	701	701
		1400	701	701
		1500	701	701
		1600	701	701
		1700	701	701
		1800	701	701
		1900	701	701
		2000	701	701
		2200	701	701
		2300	701	701
		2400	701	701
		2500	701	701
		2700	701	701
		2800	701	701
		2900	701	701
		3000	701	701
		3100	701	701
		3200	701	701
		3300	701	701
		3400	701	701
		3800	701	701
		6100	701	701
		6300	701	701
		6700	701	701
		6800	701	701
	4830	0800	701, 702	701, 702
		0900	701, 702	701, 702
		1000	701, 702	701, 702
		1100	701, 702	701, 702
		1200	701, 702	701, 702
		1400	701, 702	701, 702
		1500	701, 702	701, 702
		1600	701, 702	701, 702
		1700	701, 702	701, 702
		1800	701, 702	701, 702
		1900	701, 702	701, 702
		2000	701, 702	701, 702
		2200	701, 702	701, 702
		2300	701, 702	701, 702
		2400	701, 702	701, 702
		2500	701, 702	701, 702
		2700	701, 702	701, 702
		2800	701, 702	701, 702
		2900	701, 702	701, 702
		3000	701, 702	701, 702
		3100	701, 702	701, 702
		3200	701, 702	701, 702
		3300	701, 702	701, 702
		3400	701, 702	701, 702
		3600	702	702
		3800	701, 702	701, 702
		4000	702	702
		4100	702	702
		6100	701	701
		6200	702	702
		6300	701	701
		6600	702	702
		6700	701, 702	701, 702
		6800	701, 702	701, 702
	4870	0800	702	702
		0900	702	702
		1000	702	702
		1100	702	702
		1200	702	702
		1400	702	702
		1500	702	702
		1600	702	702
		1700	702	702
		1800	702	702
		1900	702	702
		2000	702	702
		2200	702	702
		2300	702	702
		2400	702	702
		2500	702	702
		2700	702	702
		2800	702	702
		2900	702	702
		3000	702	702
		3100	702	702
		3200	702	702
		3300	702	702
		3400	702	702
		3600	702	702
		3800	702	702
		4000	702	702
		4100	702	702
		6200	702	702
		6600	702	702
		6700	702	702

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 8.00 FOOD SCIENCES AND HUMAN NUTRITION

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
8.03: FOOD SAFETY	4870	6800	702	702
		4880	0800	701, 702
			0900	701, 702
			1000	701, 702
			1100	701, 702
			1200	701, 702
			1400	701, 702
			1500	701, 702
			1600	701, 702
			1700	701, 702
			1800	701, 702
			1900	701, 702
			2000	701, 702
			2200	701, 702
			2300	701, 702
			2400	701, 702
			2500	701, 702
			2700	701, 702
			2800	701, 702
			2900	701, 702
			3000	701, 702
			3100	701, 702
			3200	701, 702
			3300	701, 702
			3400	701, 702
			3600	702
			3800	701, 702
			4000	702
			4100	702
			6100	701
			6200	702
			6300	701
			6600	702
			6700	701, 702
			6800	701, 702
	4890	0800	701, 702	701, 702
		0900	701, 702	701, 702
		1000	701, 702	701, 702
		1100	701, 702	701, 702
		1200	701, 702	701, 702
		1400	701, 702	701, 702
		1500	701, 702	701, 702
		1600	701, 702	701, 702
		1700	701, 702	701, 702
		1800	701, 702	701, 702
		1900	701, 702	701, 702
		2000	701, 702	701, 702
		2200	701, 702	701, 702
		2300	701, 702	701, 702
		2400	701, 702	701, 702
		2500	701, 702	701, 702
		2700	701, 702	701, 702
		2800	701, 702	701, 702
		2900	701, 702	701, 702
		3000	701, 702	701, 702
		3100	701, 702	701, 702
		3200	701, 702	701, 702
		3300	701, 702	701, 702
		3400	701, 702	701, 702
		3600	702	702
		3800	701, 702	701, 702
		4000	702	702
		4100	702	702
		6100	701	701
		6200	702	702
		6300	701	701
		6600	702	702
		6700	701, 702	701, 702
		6800	701, 702	701, 702
8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	4500	0800	704	704
		0900	704	704
		1000	704	704
		1100	704	704
		1200	704	704
		1400	704	704
		1500	704	704
		1600	704	704
		1700	704	704
		1800	704	704
		1900	704	704
		2000	704	704
		2200	704	704
		2300	704	704
		2400	704	704
		2500	704	704
		2700	704	704
		2800	704	704
		2900	704	704
		3000	704	704
		3100	704	704
		3200	704	704
		3300	704	704
		3400	704	704
		3800	318, 404, 408, 412, 704	318, 404, 408, 412, 704
		4600	704	704
		4700	704	704
	4600	0800	704	704
		0900	704	704
		1000	704	704
		1100	704	704
		1200	704	704
		1400	704	704
		1500	704	704

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 8.00 FOOD SCIENCES AND HUMAN NUTRITION

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	4600	1600	704	704
		1700	704	704
		1800	704	704
		1900	704	704
		2000	704	704
		2200	704	704
		2300	704	704
		2400	704	704
		2500	704	704
		2700	704	704
		2800	704	704
		2900	704	704
		3000	704	704
		3100	704	704
		3200	704	704
		3300	704	704
		3400	704	704
		3800	318, 404, 408, 412, 704	318, 404, 408, 412, 704
		4600	704	704
		4700	704	704
	4700	3800	318	318
	4860	3800	404, 408, 412	404, 408, 412
	4870	3800	404, 408, 412	404, 408, 412
	4890	3800	404, 408, 412	404, 408, 412
	5550	3800	404, 408, 412	404, 408, 412
	5600	3800	408, 412	408, 412
	5800	3800	402, 403, 404, 405, 406, 408, 409, 410, 412, 501	402, 403, 404, 405, 406, 408, 409, 410, 412, 501
	5900	3800	404, 408, 412	404, 408, 412
	6310	3800	404, 408, 412	404, 408, 412
	6330	3800	404, 408, 412	404, 408, 412
	6390	3800	404, 408, 412	404, 408, 412
8.05: FOOD SERVICE	5800	0800	704	704
		0900	704	704
		1000	704	704
		1100	704	704
		1200	704	704
		1400	704	704
		1500	704	704
		1600	704	704
		1700	704	704
		1800	704	704
		1900	704	704
		2000	704	704
		2200	704	704
		2300	704	704
		2400	704	704
		2500	704	704
		2700	704	704
		2800	704	704
		2900	704	704
		3000	704	704
		3100	704	704
		3200	704	704
		3300	704	704
		3400	704	704
		3800	704	704
		4600	704	704
		4700	704	704
	5900	0800	704	704
		0900	704	704
		1000	704	704
		1100	704	704
		1200	704	704
		1400	704	704
		1500	704	704
		1600	704	704
		1700	704	704
		1800	704	704
		1900	704	704
		2000	704	704
		2200	704	704
		2300	704	704
		2400	704	704
		2500	704	704
		2700	704	704
		2800	704	704
		2900	704	704
		3000	704	704
		3100	704	704
		3200	704	704
		3300	704	704
		3400	704	704
		3800	704	704
		4600	704	704
		4700	704	704
	6310	0800	704	704
		0900	704	704
		1000	704	704
		1100	704	704
		1200	704	704
		1400	704	704
		1500	704	704

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 8.00 FOOD SCIENCES AND HUMAN NUTRITION

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
8.05: FOOD SERVICE	6310	1600	704	704
		1700	704	704
		1800	704	704
		1900	704	704
		2000	704	704
		2200	704	704
		2300	704	704
		2400	704	704
		2500	704	704
		2700	704	704
		2800	704	704
		2900	704	704
		3000	704	704
		3100	704	704
		3200	704	704
		3300	704	704
		3400	704	704
		3800	704	704
		4600	704	704
		4700	704	704
	6320	0800	704	704
		0900	704	704
		1000	704	704
		1100	704	704
		1200	704	704
		1400	704	704
		1500	704	704
		1600	704	704
		1700	704	704
		1800	704	704
		1900	704	704
		2000	704	704
		2200	704	704
		2300	704	704
		2400	704	704
		2500	704	704
		2700	704	704
		2800	704	704
		2900	704	704
		3000	704	704
	6330	0800	704	704
		0900	704	704
		1000	704	704
		1100	704	704
		1200	704	704
		1400	704	704
		1500	704	704
		1600	704	704
		1700	704	704
		1800	704	704
		1900	704	704
		2000	704	704
		2200	704	704
		2300	704	704
		2400	704	704
		2500	704	704
		2700	704	704
		2800	704	704
		2900	704	704
		3000	704	704
	6340	0800	704	704
		0900	704	704
		1000	704	704
		1100	704	704
		1200	704	704
		1400	704	704
		1500	704	704
		1600	704	704
		1700	704	704
		1800	704	704
		1900	704	704
		2000	704	704
		2200	704	704
		2300	704	704
		2400	704	704
		2500	704	704
		2700	704	704
		2800	704	704
		2900	704	704
		3000	704	704
	6360	0800	704	704
		0900	704	704
		1000	704	704

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

RESEARCH PROGRAM GROUP (RPG) 8.00 FOOD SCIENCES AND HUMAN NUTRITION

RESEARCH PROGRAM (RP)	ACTIVITY (1)	COMMODITY/ SUBCOMMODITY	AGRICULTURAL RESEARCH PROBLEM AREA (RPA)	FORESTRY RESEARCH PROBLEM AREA (RPA)
8.05: FOOD SERVICE	6360	1100	704	704
		1200	704	704
		1400	704	704
		1500	704	704
		1600	704	704
		1700	704	704
		1800	704	704
		1900	704	704
		2000	704	704
		2200	704	704
		2300	704	704
		2400	704	704
		2500	704	704
		2700	704	704
		2800	704	704
		2900	704	704
		3000	704	704
		3100	704	704
		3200	704	704
		3300	704	704
		3400	704	704
		3800	704	704
		4600	704	704
		4700	704	704
	6370	0800	704	704
		0900	704	704
		1000	704	704
		1100	704	704
		1200	704	704
		1400	704	704
		1500	704	704
		1600	704	704
		1700	704	704
		1800	704	704
		1900	704	704
		2000	704	704
		2200	704	704
		2300	704	704
		2400	704	704
		2500	704	704
		2700	704	704
		2800	704	704
		2900	704	704
		3000	704	704
		3100	704	704
		3200	704	704
		3300	704	704
		3400	704	704
		3800	704	704
		4600	704	704
		4700	704	704
	6380	0800	704	704
		0900	704	704
		1000	704	704
		1100	704	704
		1200	704	704
		1400	704	704
		1500	704	704
		1600	704	704
		1700	704	704
		1800	704	704
		1900	704	704
		2000	704	704
		2200	704	704
		2300	704	704
		2400	704	704
		2500	704	704
		2700	704	704
		2800	704	704
		2900	704	704
		3000	704	704
		3100	704	704
		3200	704	704
		3300	704	704
		3400	704	704
		3800	704	704
		4600	704	704
		4700	704	704
	6390	0800	704	704
		0900	704	704
		1000	704	704
		1100	704	704
		1200	704	704
		1400	704	704
		1500	704	704
		1600	704	704
		1700	704	704
		1800	704	704
		1900	704	704
		2000	704	704
		2200	704	704
		2300	704	704
		2400	704	704
		2500	704	704
		2700	704	704
		2800	704	704
		2900	704	704
		3000	704	704
		3100	704	704
		3200	704	704
		3300	704	704
		3400	704	704
		3800	704	704
		4600	704	704
		4700	704	704

(1) ACTIVITY CODE IS NOT A FACTOR IN DETERMINING RPG'S 1, 2, 3, 4, 6, 7 & 9

(2) DENOTES A SUBCOMMODITY CODE

TABLE V-C NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	368.5	96.9	4.3	469.7	777.6	27.8	18.1	823.5	1293.2
RPG 2.00: FOREST RESOURCES	5.5	1.2	944.5	951.2	440.6	.6	225.7	666.8	1618.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1457.5	16.0	3.9	1477.4	2791.4	44.9	2.5	2838.8	4316.2
RPG 4.00: ANIMALS	560.5	8.6	.0	569.0	1466.1	58.9	1.4	1526.3	2095.3
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	45.5	57.8	5.5	108.8	356.5	42.5	.6	399.6	508.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	57.8	326.3	.0	384.1	387.5	8.6	.4	396.5	780.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	42.5	.0	.0	42.5	217.5	.9	10.6	229.0	271.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	300.2	14.1	.0	314.3	308.6	36.4	.0	345.1	659.4
RPG 9.00: UNCLASSIFIED	.5	.0	.0	.5	4.2	.0	4.5	8.7	9.2
GRAND TOTAL	2838.5	520.8	958.2	4317.5	6750.0	220.6	263.7	7234.3	11551.8

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

FOREIGN

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RPG 2.00: FOREST RESOURCES	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	4.6	.0	.0	4.6	.0	.0	.0	.0	4.6
RPG 4.00: ANIMALS	1.3	.0	.0	1.3	.0	.0	.0	.0	1.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	14.7	.0	.0	14.7	.0	.0	.0	.0	14.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.1	.0	.0	.1	.0	.0	.0	.0	.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	2.5	.0	.0	2.5	.0	.0	.0	.0	2.5
GRAND TOTAL	24.2	.0	.0	24.2	.0	.0	.0	.0	24.2

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 1

NORTHEAST REGION

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	66.6	96.9	.0	163.4	91.1	1.1	2.9	95.1	258.6
RPG 2.00: FOREST RESOURCES	3.2	1.2	121.3	125.8	78.1	.0	38.6	116.6	242.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	247.5	16.0	.0	263.5	328.4	3.4	.5	332.3	595.8
RPG 4.00: ANIMALS	232.7	8.6	.0	241.3	187.7	12.0	1.4	201.0	442.3
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	9.4	57.8	.0	67.2	90.5	1.5	.0	92.0	159.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.5	322.1	.0	322.6	56.8	.0	.1	56.9	379.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	19.8	.0	.0	19.8	44.6	.0	10.2	54.8	74.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	153.3	14.1	.0	167.4	71.0	1.0	.0	71.9	239.3
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	4.5	4.5	4.5
GRAND TOTAL	733.1	516.6	121.3	1371.0	948.1	18.9	58.1	1025.1	2396.1

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 2

SOUTHERN REGION

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	115.3	.0	.0	115.3	215.4	26.7	1.0	243.1	358.4
RPG 2.00: FOREST RESOURCES	.4	.0	219.5	219.9	170.3	.6	19.3	190.1	410.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	553.1	.0	.0	553.1	1174.1	39.0	.0	1213.1	1766.2
RPG 4.00: ANIMALS	123.0	.0	.0	123.0	534.4	44.3	.0	578.7	701.8
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	34.3	.0	5.5	39.8	95.8	40.5	.0	136.3	176.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	18.7	4.2	.0	22.9	138.3	8.6	.3	147.2	170.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	5.9	.0	.0	5.9	49.3	.9	.0	50.2	56.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	40.5	.0	.0	40.5	74.9	34.5	.0	109.3	149.8
RPG 9.00: UNCLASSIFIED	.5	.0	.0	.5	3.5	.0	.0	3.5	4.0
GRAND TOTAL	991.5	4.2	225.0	1120.7	2456.1	195.1	20.5	2671.7	3792.4

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 3									
NORTH CENTRAL REGION									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	64.4	.0	1.5	65.9	200.9	.0	.2	201.1	267.0
RPG 2.00: FOREST RESOURCES	.0	.0	229.2	229.2	98.0	.0	16.0	118.1	343.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	316.5	.0	2.0	318.5	635.9	1.5	.3	637.8	956.2
RPG 4.00: ANIMALS	138.7	.0	.0	138.7	421.4	2.6	.0	424.0	562.7
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	1.4	.0	.0	1.4	99.1	.5	.0	99.6	101.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	17.7	.0	.0	17.7	111.0	.0	.1	111.1	128.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	16.3	.0	.0	16.3	79.8	.0	.0	79.8	96.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	55.8	.0	.0	55.8	77.9	1.0	.0	78.9	134.8
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	610.8	.0	232.7	843.5	1724.6	5.6	16.7	1746.9	2590.4

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 4									
WESTERN REGION									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	122.3	.0	2.8	125.1	270.2	.0	13.9	284.1	409.2
RPG 2.00: FOREST RESOURCES	.8	.0	374.5	375.3	94.2	.0	151.8	246.0	621.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	335.9	.0	1.9	337.8	652.9	1.0	1.7	655.6	993.4
RPG 4.00: ANIMALS	64.7	.0	.0	64.7	322.6	.0	.0	322.6	387.2
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.4	.0	.0	.4	71.1	.0	.6	71.7	72.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	6.2	.0	.0	6.2	81.3	.0	.0	81.3	87.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.4	.0	.0	.4	43.8	.0	.4	44.2	44.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	48.2	.0	.0	48.2	84.9	.0	.0	84.9	133.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.3	.0	.0	.3	.3
GRAND TOTAL	578.9	.0	379.2	958.1	1621.2	1.0	168.4	1790.6	2748.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FOREIGN		TOTAL
							ARGENTINA	CSRS/SAES TOTAL	
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FOREIGN		TOTAL
							BRAZIL	CSRS/SAES TOTAL	
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.5	.0	.0	.5	.0	.0	.0	.0	.5
GRAND TOTAL	.5	.0	.0	.5	.0	.0	.0	.0	.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FOREIGN		TOTAL
							EL SALVADOR	CSRS/SAES TOTAL	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FOREIGN		TOTAL
							FINLAND	CSRS/SAES TOTAL	
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FOREIGN		TOTAL
							FRANCE	CSRS/SAES TOTAL	
RPG 2.00: FOREST RESOURCES	.2	.0	.0	.2	.0	.0	.0	.0	.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.6	.0	.0	.6	.0	.0	.0	.0	.6
RPG 4.00: ANIMALS	.2	.0	.0	.2	.0	.0	.0	.0	.2
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FOREIGN		TOTAL
							GUATEMALA	CSRS/SAES TOTAL	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981							FOREIGN		
RESEARCH PROGRAM GROUP SUMMARY							ITALY		
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.7	.0	.0	.7	.0	.0	.0	.0	.7
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
GRAND TOTAL	1.7	.0	.0	1.7	.0	.0	.0	.0	1.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						FOREIGN		
RESEARCH PROGRAM GROUP SUMMARY		JAPAN								
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RPG 2.00: FOREST RESOURCES	.6	.0	.0	.6	.0	.0	.0	.0	.6	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.3	.0	.0	.3	.0	.0	.0	.0	.3	
RPG 4.00: ANIMALS	.1	.0	.0	.1	.0	.0	.0	.0	.1	
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981							FOREIGN		
RESEARCH PROGRAM GROUP SUMMARY							KENYA		
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 4.00: ANIMALS	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						FOREIGN	
RESEARCH PROGRAM GROUP SUMMARY		NETHERLANDS							
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.6	.0	.0	1.6	.0	.0	.0	.0	1.6
GRAND TOTAL	1.6	.0	.0	1.6	.0	.0	.0	.0	1.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981							FOREIGN		
RESEARCH PROGRAM GROUP SUMMARY							SWITZERLAND		
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 2.00: FOREST RESOURCES	.2	.0	.0	.2	.0	.0	.0	.0	.2
GRAND TOTAL	.2	.0	.0	.2	.0	.0	.0	.0	.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						FOREIGN	
RESEARCH PROGRAM GROUP SUMMARY		TAIWAN							
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						FOREIGN		
RESEARCH PROGRAM GROUP SUMMARY		THAILAND								
		ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 3.00:	CROPS (FIELD & HORTICULTURAL)	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
RPG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	13.1	.0	.0	13.1	.0	.0	.0	.0	13.1
GRAND TOTAL		14.1	.0	.0	14.1	.0	.0	.0	.0	14.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						FOREIGN				
RESEARCH PROGRAM GROUP SUMMARY						UNITED KINGDOM				
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.1	.0	.0	.1	.0	.0	.0	.0	.1	
GRAND TOTAL	.1	.0	.0	.1	.0	.0	.0	.0	.1	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

				REGION 1 CONNECTICUT					
	ARS	ERS/ACS	FS	USDA TOTAL	CONN NEW HAVEN	CONN STORRS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	4.6	2.9	.0	7.4	7.4
RPG 2.00: FOREST RESOURCES	.0	.0	13.1	13.1	5.5	1.9	.0	7.3	20.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	16.9	3.7	.0	20.6	20.6
RPG 4.00: ANIMALS	.0	.0	.0	.0	1.3	10.0	.0	11.2	11.2
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	2.6	3.4	.0	6.0	6.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	1.8	.0	1.8	1.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	.6	3.2	.0	3.7	3.7
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	13.1	13.1	31.8	26.8	.0	58.6	71.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

				REGION 1 DELAWARE					
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	2.6	.6	.0	3.2	3.2
RPG 2.00: FOREST RESOURCES	.7	.0	.0	.7	1.6	.0	.0	1.6	2.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.8	.0	.0	2.8	9.6	2.0	.0	11.6	14.4
RPG 4.00: ANIMALS	4.0	.0	.0	4.0	7.6	.2	.0	7.7	11.7
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	1.8	.5	.0	2.3	2.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.2	.0	.0	.2	.7	.0	.0	.7	.9
GRAND TOTAL	7.7	.0	.0	7.7	25.7	3.2	.0	28.9	36.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

				REGION 1 DISTRICT OF COLUMBIA					
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	96.9	.0	96.9	.0	.0	.0	.0	96.9
RPG 2.00: FOREST RESOURCES	.0	1.2	.0	1.2	.0	.0	.0	.0	1.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	8.8	16.0	.0	24.8	.0	.0	.0	.0	24.8
RPG 4.00: ANIMALS	.0	8.6	.0	8.6	.0	.0	.0	.0	8.6
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	57.8	.0	57.8	.0	.0	.0	.0	57.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	322.1	.0	322.1	.0	.0	.0	.0	322.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	2.5	14.1	.0	16.6	.0	.0	.0	.0	16.6
GRAND TOTAL	11.3	516.6	.0	527.9	.0	.0	.0	.0	527.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 1									
MAINE									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	1.3	.0	.0	1.3	5.7	.0	.0	5.7	7.0
RPG 2.00: FOREST RESOURCES	.0	.0	7.2	7.2	19.4	.0	.0	19.4	26.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.3	.0	.0	2.3	15.9	.0	.0	15.9	18.2
RPG 4.00: ANIMALS	.0	.0	.0	.0	8.3	.0	.0	8.3	8.3
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
GRAND TOTAL	3.6	.0	7.2	10.8	63.4	.0	.0	63.4	74.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 1									
MARYLAND									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	35.3	.0	.0	35.3	7.3	.5	.0	7.8	43.0
RPG 2.00: FOREST RESOURCES	1.4	.0	7.0	8.4	3.6	.0	.0	3.6	12.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	175.9	.0	.0	175.9	29.4	1.4	.0	30.8	206.7
RPG 4.00: ANIMALS	146.2	.0	.0	146.2	22.2	11.8	.0	34.0	180.2
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	7.9	.0	.0	7.9	1.8	1.0	.0	2.8	10.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.4	.0	.0	.4	3.8	.0	.0	3.8	4.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	18.0	.0	.0	18.0	.4	.0	.0	.4	18.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	95.3	.0	.0	95.3	1.9	1.0	.0	2.9	98.2
GRAND TOTAL	480.4	.0	7.0	487.4	70.3	15.7	.0	86.0	573.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 1									
MASSACHUSETTS									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RPG 2.00: FOREST RESOURCES	.9	.0	3.0	3.9	4.7	.0	.0	4.7	8.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1.1	.0	.0	1.1	17.2	.0	.0	17.2	18.3
RPG 4.00: ANIMALS	.1	.0	.0	.1	7.1	.0	.0	7.1	7.2
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.5	.0	.0	.5	5.9	.0	.0	5.9	6.4
GRAND TOTAL	2.6	.0	3.0	5.6	42.1	.0	.0	42.1	47.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 1 NEW HAMPSHIRE									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RPG 2.00: FOREST RESOURCES	.0	.0	17.0	17.0	6.4	.0	.0	6.4	23.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	6.3	.0	.0	6.3	6.3
RPG 4.00: ANIMALS	.0	.0	.0	.0	6.7	.0	.0	6.7	6.7
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
GRAND TOTAL	.0	.0	17.0	17.0	27.1	.0	.0	27.1	44.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 1 NEW JERSEY									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	19.7	.0	.0	19.7	19.7
RPG 2.00: FOREST RESOURCES	.0	.0	3.0	3.0	4.0	.0	.0	4.0	7.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.0	.0	.0	2.0	30.2	.0	.0	30.2	32.2
RPG 4.00: ANIMALS	.0	.0	.0	.0	10.9	.0	.0	10.9	10.9
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	7.9	.0	.0	7.9	7.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	16.2	.0	.0	16.2	16.2
GRAND TOTAL	2.0	.0	3.0	5.0	96.6	.0	.0	96.6	101.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 1 NEW YORK									
	ARS	ERS/ACS	FS	USDA TOTAL	NEW YORK ITHACA	NEW YORK GENEVA	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	2.5	.0	.0	2.5	22.2	1.9	2.9	27.0	29.4
RPG 2.00: FOREST RESOURCES	.3	.0	3.0	3.3	6.1	.0	33.5	39.5	42.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	12.9	.0	.0	12.9	60.1	56.7	.5	117.3	130.2
RPG 4.00: ANIMALS	42.7	.0	.0	42.7	66.2	1.0	1.4	68.5	111.2
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	1.5	.0	.0	1.5	47.5	.3	.0	47.8	49.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.2	.0	.0	.2	20.1	.2	.1	20.3	20.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.8	.0	.0	1.8	30.6	.3	10.2	41.1	42.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	1.8	.0	.0	1.8	22.3	5.4	.0	27.7	29.5
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	4.5	4.5	4.5
GRAND TOTAL	63.6	.0	3.0	66.6	275.0	65.7	53.0	393.7	460.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 1									
PENNSYLVANIA									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	20.6	.0	.0	20.6	7.6	.0	.0	7.6	28.2
RPG 2.00: FOREST RESOURCES	.0	.0	25.9	25.9	11.5	.0	.0	11.5	37.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	29.2	.0	.0	29.2	53.4	.0	.0	53.4	82.6
RPG 4.00: ANIMALS	39.8	.0	.0	39.8	28.7	.0	.0	28.7	68.5
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	11.7	.0	.0	11.7	11.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	13.0	.0	.0	13.0	13.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	52.8	.0	.0	52.8	5.9	.0	.0	5.9	58.6
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	142.3	.0	25.9	168.2	134.3	.0	.0	134.3	302.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 1									
RHODE ISLAND									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	9.5	.0	.0	9.5	9.5
RPG 4.00: ANIMALS	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	.7	.0	.0	.7	.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	27.5	.0	.0	27.5	27.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 1									
VERMONT									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RPG 2.00: FOREST RESOURCES	.0	.0	8.2	8.2	2.7	.0	5.1	7.8	16.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	7.8	.0	.0	7.8	7.8
RPG 4.00: ANIMALS	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
GRAND TOTAL	.0	.0	8.2	8.2	25.2	.0	5.1	30.3	38.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 1									
WEST VIRGINIA									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	6.9	.0	.0	6.9	3.3	.0	.0	3.3	10.3
RPG 2.00: FOREST RESOURCES	.0	.0	33.9	33.9	8.1	.0	.0	8.1	42.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	12.5	.0	.0	12.5	11.6	.0	.0	11.6	24.1
RPG 4.00: ANIMALS	.0	.0	.0	.0	7.8	.0	.0	7.8	7.8
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.2	.0	.0	.2	.0	.0	.0	.0	.2
GRAND TOTAL	19.6	.0	33.9	53.5	36.6	.0	.0	36.6	90.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

					REGION 2				
					ALABAMA				
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	ALABAMA TUSKEGEE	ALABAMA NORMAL	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	5.4	.0	.0	5.4	12.3	.5	.3	13.0	18.4
RPG 2.00: FOREST RESOURCES	.0	.0	6.0	6.0	15.3	.0	.6	15.8	21.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	6.0	.0	.0	6.0	50.1	6.7	1.2	58.0	64.0
RPG 4.00: ANIMALS	4.7	.0	.0	4.7	41.1	8.2	.7	50.1	54.8
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	3.9	2.0	.6	6.5	6.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.0	.0	.0	1.0	5.4	.5	.0	5.9	6.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	1.0	.3	.0	1.3	1.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	4.8	.9	.1	5.8	5.8
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	17.0	.0	6.0	23.0	133.8	19.1	3.5	156.4	179.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

					REGION 2				
					ARKANSAS				
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	10.8	1.2	.0	12.0	12.0
RPG 2.00: FOREST RESOURCES	.0	.0	7.0	7.0	12.0	.0	.0	12.0	19.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	3.9	.0	.0	3.9	51.1	3.0	.0	54.1	58.0
RPG 4.00: ANIMALS	.0	.0	.0	.0	25.0	4.1	.0	29.1	29.1
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	7.1	1.7	.0	8.7	8.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	5.3	.2	.0	5.5	5.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	2.6	1.3	.0	3.9	3.9
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	3.9	.0	7.0	10.9	115.3	11.5	.0	126.8	137.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

					REGION 2				
					FLORIDA				
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	7.6	.0	.0	7.6	44.6	8.0	.0	52.6	60.2
RPG 2.00: FOREST RESOURCES	.0	.0	14.9	14.9	20.8	.0	.0	20.8	35.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	56.1	.0	.0	56.1	208.6	1.0	.0	209.6	265.6
RPG 4.00: ANIMALS	19.5	.0	.0	19.5	58.8	1.3	.0	60.1	79.5
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	20.5	.0	.0	20.5	8.5	.3	.0	8.8	29.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	4.0	.0	.0	4.0	19.5	.0	.0	19.5	23.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	12.3	.0	.0	12.3	12.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	2.0	.0	.0	2.0	9.0	4.0	.0	13.0	15.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	109.6	.0	14.9	124.5	382.1	14.6	.0	396.7	521.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 2

GEORGIA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	16.3	.0	.0	16.3	12.6	.7	.0	13.3	29.6
RPG 2.00: FOREST RESOURCES	.0	.0	48.4	48.4	17.7	.0	.0	17.7	66.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	106.2	.0	.0	106.2	87.6	4.0	.0	91.5	197.7
RPG 4.00: ANIMALS	24.1	.0	.0	24.1	30.2	1.8	.0	32.0	56.1
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	2.5	2.5	3.5	.8	.0	4.3	6.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	5.4	4.2	.0	9.6	12.4	1.6	.0	14.0	23.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.3	.0	.0	1.3	1.5	.1	.0	1.6	2.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	19.7	.0	.0	19.7	10.4	.0	.0	10.4	30.1
RPG 9.00: UNCLASSIFIED	.5	.0	.0	.5	1.7	.0	.0	1.7	2.2
GRAND TOTAL	173.5	4.2	50.9	228.6	177.5	9.0	.0	186.5	415.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 2

KENTUCKY

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	6.4	.0	.0	6.4	6.4
RPG 2.00: FOREST RESOURCES	.0	.0	11.3	11.3	13.4	.0	.0	13.4	24.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	11.2	.0	.0	11.2	43.2	.0	.0	43.2	54.4
RPG 4.00: ANIMALS	.0	.0	.0	.0	29.1	.0	.0	29.1	29.1
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	8.6	5.0	.0	13.6	13.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	8.2	.0	.0	8.2	8.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	4.7	7.6	.0	12.3	12.3
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	11.2	.0	11.3	22.5	114.7	12.6	.0	127.3	149.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 2

LOUISIANA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	3.5	.0	.0	3.5	14.5	.0	.0	14.5	18.0
RPG 2.00: FOREST RESOURCES	.0	.0	34.9	34.9	11.7	.0	2.4	14.1	49.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	118.2	.0	.0	118.2	108.8	2.1	.0	110.9	229.2
RPG 4.00: ANIMALS	5.3	.0	.0	5.3	50.8	2.8	.0	53.6	58.9
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	4.4	.0	.0	4.4	14.1	2.9	.0	17.0	21.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	9.5	.2	.3	10.0	10.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	14.6	.0	.0	14.6	2.4	1.0	.0	3.4	18.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	146.0	.0	34.9	180.9	213.7	9.0	2.7	225.4	406.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 2									
MISSISSIPPI									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	22.1	.0	.0	22.1	8.5	1.5	.0	10.0	32.1
RPG 2.00: FOREST RESOURCES	.0	.0	34.0	34.0	24.0	.0	.0	24.0	58.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	79.2	.0	.0	79.2	83.1	1.8	.0	84.9	164.1
RPG 4.00: ANIMALS	4.5	.0	.0	4.5	46.2	1.7	.0	47.8	52.3
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	2.5	.0	3.0	5.5	6.8	3.1	.0	9.9	15.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.5	.0	.0	1.5	8.9	.6	.0	9.5	11.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.2	.0	.0	.2	.0	.0	.0	.0	.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	1.1	.0	.0	1.1	2.4	1.6	.0	4.0	5.1
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	111.1	.0	37.0	148.1	179.9	10.2	.0	190.1	338.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 2									
NORTH CAROLINA									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	5.0	.0	.0	5.0	20.8	6.8	.0	27.6	32.6
RPG 2.00: FOREST RESOURCES	.0	.0	36.4	36.4	19.3	.0	.0	19.3	55.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	32.9	.0	.0	32.9	113.4	3.1	.0	116.5	149.5
RPG 4.00: ANIMALS	.5	.0	.0	.5	57.2	8.9	.0	66.0	66.5
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	9.7	9.2	.0	18.9	18.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.9	.0	.0	.9	8.1	1.4	.0	9.4	10.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.1	.0	.0	3.1	7.3	.0	.0	7.3	10.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	2.2	.0	.0	2.2	6.2	1.8	.0	8.0	10.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	44.6	.0	36.4	81.0	242.1	31.1	.0	273.2	354.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 2									
OKLAHOMA									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	20.1	.0	.0	20.1	8.5	1.8	.0	10.3	30.4
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	15.1	.0	.0	15.1	40.1	3.6	.0	43.7	58.8
RPG 4.00: ANIMALS	10.9	.0	.0	10.9	20.9	.0	.0	20.9	31.8
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	3.3	1.2	.0	4.5	4.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	13.5	.0	.0	13.5	13.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	3.1	2.9	.0	6.0	6.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	46.1	.0	.0	46.1	98.0	9.5	.0	107.5	153.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

REGION 2

RESEARCH PROGRAM GROUP SUMMARY

SOUTH CAROLINA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	4.7	.0	.0	4.7	4.6	1.4	.5	6.5	11.2
RPG 2.00: FOREST RESOURCES	.0	.0	10.6	10.6	.3	.0	12.3	12.6	23.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	25.9	.0	.0	25.9	44.3	1.5	.0	45.8	71.7
RPG 4.00: ANIMALS	.0	.0	.0	.0	15.9	.0	.0	15.9	15.9
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	4.8	.0	.0	4.8	2.7	4.1	.0	6.8	11.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.5	.0	.0	.5	7.8	.6	.0	8.4	8.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	2.6	1.5	.0	4.1	4.1
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
GRAND TOTAL	35.9	.0	10.6	46.5	80.3	9.1	12.8	102.2	148.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

REGION 2

RESEARCH PROGRAM GROUP SUMMARY

TENNESSEE

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.9	.0	.0	.9	8.1	.0	.0	8.1	9.0
RPG 2.00: FOREST RESOURCES	.0	.0	3.0	3.0	8.9	.0	.0	8.9	11.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.5	.0	.0	2.5	45.2	5.6	.0	50.8	53.2
RPG 4.00: ANIMALS	2.0	.0	.0	2.0	37.1	.8	.0	37.9	39.9
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	2.0	.0	.0	2.0	4.5	5.7	.0	10.3	12.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	7.7	2.0	.0	9.7	9.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	1.4	.5	.0	1.9	1.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	5.9	1.9	.0	7.8	7.8
GRAND TOTAL	7.4	.0	3.0	10.4	118.8	16.5	.0	135.3	145.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

REGION 2

RESEARCH PROGRAM GROUP SUMMARY

TEXAS

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	24.3	.0	.0	24.3	48.0	3.7	.5	52.2	76.5
RPG 2.00: FOREST RESOURCES	.4	.0	6.0	6.4	9.3	.0	4.6	13.9	20.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	84.9	.0	.0	84.9	181.5	2.2	.0	183.7	268.6
RPG 4.00: ANIMALS	51.4	.0	.0	51.4	68.5	11.5	.0	80.0	131.5
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	7.0	1.1	.0	8.1	8.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	5.6	.0	.0	5.6	17.2	.9	.0	18.1	23.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.3	.0	.0	1.3	4.3	.0	.0	4.3	5.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.8	.0	.0	.8	6.6	2.6	.0	9.2	10.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	168.7	.0	6.0	174.7	342.4	22.0	5.0	369.4	544.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 2									
VIRGINIA									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	1.9	.0	.0	1.9	10.7	.8	.0	11.5	13.4
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	12.7	.0	.0	12.7	12.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	6.5	.0	.0	6.5	46.1	3.3	.0	49.4	55.9
RPG 4.00: ANIMALS	.0	.0	.0	.0	45.8	2.6	.0	48.4	48.4
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	14.9	2.8	.0	17.7	17.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	10.1	.7	.0	10.7	10.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	13.1	.0	.0	13.1	13.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.2	.0	.0	.2	7.7	7.3	.0	15.0	15.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	8.6	.0	.0	8.6	161.2	17.4	.0	178.6	187.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 2									
PUERTO RICO									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	3.4	.0	.0	3.4	4.7	.0	.0	4.7	8.1
RPG 2.00: FOREST RESOURCES	.0	.0	7.0	7.0	.0	.0	.0	.0	7.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	4.5	.0	.0	4.5	67.5	.0	.0	67.5	72.0
RPG 4.00: ANIMALS	.0	.0	.0	.0	6.7	.0	.0	6.7	6.7
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
GRAND TOTAL	7.9	.0	7.0	14.9	90.8	.0	.0	90.8	105.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 2									
VIRGIN IS									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RPG 4.00: ANIMALS	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	.3	.0	.0	.3	.3
GRAND TOTAL	.0	.0	.0	.0	5.5	.0	.0	5.5	5.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 3									
ILLINOIS									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	6.4	.0	.0	6.4	16.0	.0	.2	16.2	22.6
RPG 2.00: FOREST RESOURCES	.0	.0	15.7	15.7	6.9	.0	3.7	10.6	26.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	111.2	.0	.0	111.2	57.5	.0	.0	57.5	168.7
RPG 4.00: ANIMALS	2.7	.0	.0	2.7	35.0	.0	.0	35.0	37.7
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	9.4	.0	.0	9.4	9.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	11.3	.0	.0	11.3	18.9	.0	.0	18.9	30.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	10.8	.0	.0	10.8	5.6	.0	.0	5.6	16.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	32.0	.0	.0	32.0	11.1	.0	.0	11.1	43.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	174.4	.0	15.7	190.1	160.5	.0	3.9	164.4	354.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 3									
INDIANA									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	4.0	.0	.0	4.0	22.5	.0	.0	22.5	26.5
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	13.9	.0	.0	13.9	13.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	13.7	.0	.0	13.7	66.6	.0	.0	66.6	80.3
RPG 4.00: ANIMALS	3.2	.0	.0	3.2	51.4	.0	.0	51.4	54.6
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	9.1	.0	.0	9.1	9.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	12.5	.0	.0	12.5	12.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	16.1	.0	.0	16.1	16.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	20.9	.0	.0	20.9	198.3	.0	.0	198.3	219.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 3									
IOWA									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.8	.0	.0	.8	20.3	.0	.0	20.3	21.1
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	20.7	.0	.0	20.7	43.5	.0	.0	43.5	64.2
RPG 4.00: ANIMALS	53.2	.0	.0	53.2	28.3	.0	.0	28.3	81.5
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.8	.0	.0	.8	8.1	.0	.0	8.1	8.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	7.8	.0	.0	7.8	7.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	75.5	.0	.0	75.5	120.7	.0	.0	120.7	196.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 3

KANSAS

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	5.0	.0	.0	5.0	16.4	.0	.0	16.4	21.4
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	28.8	.0	.0	28.8	100.4	.0	.0	100.4	129.2
RPG 4.00: ANIMALS	.0	.0	.0	.0	50.6	.0	.0	50.6	50.6
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	9.8	.0	.0	9.8	9.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.0	.0	.0	1.0	8.8	.0	.0	8.8	9.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	7.8	.0	.0	7.8	7.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	1.0	.0	.0	1.0	5.6	.0	.0	5.6	6.6
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	35.8	.0	.0	35.8	201.7	.0	.0	201.7	237.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 3

MICHIGAN

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	MICHIGAN ANN ARBOR	MICHIGAN HOUGHTON	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.2	.0	1.5	1.7	18.9	.0	.0	18.9	20.6
RPG 2.00: FOREST RESOURCES	.0	.0	17.5	17.5	8.5	4.1	8.3	20.9	38.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	12.5	.0	.0	12.5	50.5	.3	.0	50.9	63.4
RPG 4.00: ANIMALS	10.2	.0	.0	10.2	37.6	.0	.0	37.6	47.8
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.4	.0	.0	.4	9.7	.0	.0	9.7	10.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	12.9	.1	.0	13.0	13.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	10.1	.0	.0	10.1	10.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	1.7	.0	.0	1.7	9.7	.0	.0	9.7	11.4
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	25.0	.0	19.0	44.0	157.9	4.5	8.3	170.7	214.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 3

MINNESOTA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	17.5	.0	.0	17.5	15.0	.0	.0	15.0	32.5
RPG 2.00: FOREST RESOURCES	.0	.0	41.4	41.4	27.6	.0	.0	27.6	69.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	15.3	.0	.0	15.3	60.4	.0	.0	60.4	75.6
RPG 4.00: ANIMALS	.7	.0	.0	.7	40.0	.0	.0	40.0	40.6
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	16.2	.0	.0	16.2	16.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	2.9	.0	.0	2.9	6.4	.0	.0	6.4	9.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.4	.0	.0	.4	6.4	.0	.0	6.4	6.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	2.5	.0	.0	2.5	10.7	.0	.0	10.7	13.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	39.2	.0	41.4	80.6	182.7	.0	.0	182.7	263.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 3 MISSOURI									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	8.3	.0	.0	8.3	11.0	.0	.0	11.0	19.2
RPG 2.00: FOREST RESOURCES	.0	.0	4.0	4.0	8.4	.0	.0	8.4	12.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	15.8	.0	2.0	17.8	30.6	1.5	.0	32.1	50.0
RPG 4.00: ANIMALS	7.1	.0	.0	7.1	22.3	2.6	.0	24.9	32.0
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	5.3	.5	.0	5.8	5.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	2.1	.0	.0	2.1	7.4	.0	.0	7.4	9.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.4	.0	.0	1.4	2.4	.0	.0	2.4	3.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.1	.0	.0	.1	6.2	1.0	.0	7.2	7.3
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	34.7	.0	6.0	40.7	93.6	5.6	.0	99.2	139.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 3 NEBRASKA									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	6.2	.0	.0	6.2	14.1	.0	.0	14.1	20.4
RPG 2.00: FOREST RESOURCES	.0	.0	3.0	3.0	2.9	.0	.0	2.9	5.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.6	.0	.0	14.6	53.0	.0	.0	53.0	67.6
RPG 4.00: ANIMALS	40.0	.0	.0	40.0	35.0	.0	.0	35.0	75.0
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.2	.0	.0	.2	8.2	.0	.0	8.2	8.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.4	.0	.0	.4	7.0	.0	.0	7.0	7.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.3	.0	.0	.3	5.0	.0	.0	5.0	5.3
GRAND TOTAL	61.7	.0	3.0	64.7	129.7	.0	.0	129.7	194.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 3 NORTH DAKOTA									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	8.2	.0	.0	8.2	19.4	.0	.0	19.4	27.7
RPG 2.00: FOREST RESOURCES	.0	.0	3.0	3.0	1.1	.0	.0	1.1	4.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	34.9	.0	.0	34.9	54.6	.0	.0	54.6	89.5
RPG 4.00: ANIMALS	17.6	.0	.0	17.6	22.8	.0	.0	22.8	40.3
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	6.0	.0	.0	6.0	6.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.2	.0	.0	.2	7.7	.0	.0	7.7	7.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	17.8	.0	.0	17.8	.9	.0	.0	.9	18.7
GRAND TOTAL	78.6	.0	3.0	81.6	115.5	.0	.0	115.5	197.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						REGION 3		
RESEARCH PROGRAM GROUP SUMMARY		OHIO								
		ARS	ERS/ACS	FS	USDA TOTAL	SARS	OHIO ALLIANCE	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00:	NATURAL RESOURCES	7.9	.0	.0	7.9	16.4	.0	.0	16.4	24.2
RPG 2.00:	FOREST RESOURCES	.0	.0	27.3	27.3	8.6	.0	.0	8.6	35.9
RPG 3.00:	CROPS (FIELD & HORTICULTURAL)	18.0	.0	.0	18.0	44.1	.0	.0	44.1	62.0
RPG 4.00:	ANIMALS	.0	.0	.0	.0	29.1	.0	.0	29.1	29.1
RPG 5.00:	PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	6.7	.0	.0	6.7	6.7
RPG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	7.7	.0	.0	7.7	7.7
RPG 7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.0	.0	.0	2.0	.3	.0	.0	.3	2.3
RPG 8.00:	FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
GRAND TOTAL		27.8	.0	27.3	55.1	116.2	.0	.0	116.2	171.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						REGION 3		
RESEARCH PROGRAM GROUP SUMMARY	SOUTH DAKOTA								
	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH CODE INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	11.8	.0	.0	11.8	11.8
RPG 2.00: FOREST RESOURCES	.0	.0	5.0	5.0	2.5	.0	.0	2.5	7.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	11.3	.0	.0	11.3	31.7	.0	.0	31.7	43.0
RPG 4.00: ANIMALS	.8	.0	.0	.8	34.2	.0	.0	34.2	35.0
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	5.9	.0	.0	5.9	5.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.2	.0	.0	.2	.9	.0	.0	.9	1.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	12.3	.0	5.0	17.3	92.4	.0	.0	92.4	109.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						REGION 3		
RESEARCH PROGRAM GROUP SUMMARY	WISCONSIN								
	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	19.1	.0	.0	19.1	19.1
RPG 2.00: FOREST RESOURCES	.0	.0	112.3	112.3	11.1	.0	.0	11.1	123.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	19.9	.0	.0	19.9	42.8	.0	.0	42.8	62.7
RPG 4.00: ANIMALS	3.3	.0	.0	3.3	35.2	.0	.0	35.2	36.5
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	10.3	.0	.0	10.3	10.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	9.6	.0	.0	9.6	9.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.3	.0	.0	1.3	15.9	.0	.0	15.9	17.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.4	.0	.0	.4	11.4	.0	.0	11.4	11.6
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	24.9	.0	112.3	137.2	155.4	.0	.0	155.4	292.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 4									
ALASKA									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.7	.0	.0	.7	2.1	.0	.0	2.1	2.8
RPG 2.00: FOREST RESOURCES	.0	.0	25.0	25.0	1.2	.0	.0	1.2	26.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	3.9	.0	.0	3.9	3.4	.0	.0	3.4	7.3
RPG 4.00: ANIMALS	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.4	.0	.0	.4	.4
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	4.6	.0	25.0	29.6	8.2	.0	.0	8.2	37.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 4									
ARIZONA									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	24.8	.0	2.8	27.6	23.0	.0	.0	23.0	50.6
RPG 2.00: FOREST RESOURCES	.0	.0	21.2	21.2	14.1	.0	3.5	17.6	38.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	35.5	.0	.0	35.5	55.1	.0	.0	55.1	90.7
RPG 4.00: ANIMALS	3.7	.0	.0	3.7	26.2	.0	.0	26.2	29.9
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	5.7	.0	.0	5.7	5.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	8.9	.0	.0	8.9	8.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	6.0	.0	.0	6.0	6.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	64.0	.0	24.0	88.0	141.2	.0	3.5	144.7	232.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 4									
CALIFORNIA									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	26.0	.0	.0	26.0	74.3	.0	.0	74.3	100.3
RPG 2.00: FOREST RESOURCES	.0	.0	71.9	71.9	36.1	.0	1.3	37.4	109.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	133.9	.0	.0	133.9	219.7	1.0	.0	220.7	354.6
RPG 4.00: ANIMALS	19.7	.0	.0	19.7	86.3	.0	.0	86.3	106.0
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	31.1	.0	.0	31.1	31.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	5.6	.0	.0	5.6	15.0	.0	.0	15.0	20.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	31.3	.0	.0	31.3	31.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	45.1	.0	.0	45.1	34.9	.0	.0	34.9	80.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.3	.0	.0	.3	.3
GRAND TOTAL	230.3	.0	71.9	302.2	528.9	1.0	1.3	531.2	833.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 4

COLORADO

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	23.0	.0	.0	23.0	78.7	.0	.5	79.2	102.2
RPG 2.00: FOREST RESOURCES	.0	.0	50.0	50.0	7.7	.0	5.0	12.7	62.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	17.6	.0	.0	17.6	48.6	.0	.2	48.8	66.4
RPG 4.00: ANIMALS	10.2	.0	.0	10.2	56.5	.0	.0	56.5	66.7
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	21.3	.0	.0	21.3	21.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.3	.0	.0	.3	.0	.0	.0	.0	.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	9.4	.0	.0	9.4	9.4
GRAND TOTAL	51.1	.0	50.0	101.1	228.3	.0	5.7	234.0	335.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 4

HAWAII

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	5.2	.0	.0	5.2	5.2
RPG 2.00: FOREST RESOURCES	.0	.0	10.3	10.3	2.0	.0	.0	2.0	12.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	13.2	.0	.0	13.2	53.1	.0	.0	53.1	66.3
RPG 4.00: ANIMALS	1.0	.0	.0	1.0	12.2	.0	.0	12.2	13.2
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	5.5	.0	.0	5.5	5.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	10.1	.0	.0	10.1	10.1
GRAND TOTAL	14.2	.0	10.3	24.5	92.5	.0	.0	92.5	117.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 4

IDAHO

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	23.8	.0	.0	23.8	11.0	.0	11.3	22.3	46.2
RPG 2.00: FOREST RESOURCES	.0	.0	20.5	20.5	1.2	.0	28.1	29.3	49.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	6.5	.0	.5	7.0	31.0	.0	1.5	32.5	39.5
RPG 4.00: ANIMALS	7.1	.0	.0	7.1	9.2	.0	.0	9.2	16.2
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	37.4	.0	21.0	58.4	62.6	.0	40.9	103.5	161.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

RESEARCH PROGRAM GROUP SUMMARY

REGION 4

MONTANA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
PPG 1.00: NATURAL RESOURCES	5.6	.0	.0	5.6	11.6	.0	.0	11.6	17.1
PPG 2.00: FOREST RESOURCES	.0	.0	40.9	40.9	.0	.0	8.6	8.6	49.5
PPG 3.00: CROPS (FIELD & HORTICULTURAL)	10.5	.0	.0	10.5	38.3	.0	.0	38.3	48.8
PPG 4.00: ANIMALS	6.5	.0	.0	6.5	21.9	.0	.0	21.9	28.4
PPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
PPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
PPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	.0	.0	.0	.0
PPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.4	.0	.0	.4	.3	.0	.0	.3	.7
PPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	23.0	.0	40.9	63.9	79.5	.0	8.6	88.1	152.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

RESEARCH PROGRAM GROUP SUMMARY

REGION 4

NEVADA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
PPG 1.00: NATURAL RESOURCES	.1	.0	.0	.1	5.7	.0	.0	5.7	5.8
PPG 2.00: FOREST RESOURCES	.0	.0	1.0	1.0	2.7	.0	.0	2.7	3.7
PPG 3.00: CROPS (FIELD & HORTICULTURAL)	5.3	.0	.0	5.3	12.3	.0	.0	12.3	17.6
PPG 4.00: ANIMALS	.0	.0	.0	.0	11.5	.0	.0	11.5	11.5
PPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
PPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
PPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.9	.0	.0	.9	.9
PPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	.8	.0	.0	.8	.8
PPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	5.4	.0	1.0	6.4	38.0	.0	.0	38.0	44.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

RESEARCH PROGRAM GROUP SUMMARY

REGION 4

NEW MEXICO

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
PPG 1.00: NATURAL RESOURCES	.7	.0	.0	.7	10.2	.0	.0	10.2	10.8
PPG 2.00: FOREST RESOURCES	.0	.0	4.0	4.0	4.7	.0	.0	4.7	8.7
PPG 3.00: CROPS (FIELD & HORTICULTURAL)	7.5	.0	.0	7.5	32.7	.0	.0	32.7	40.2
PPG 4.00: ANIMALS	.8	.0	.0	.8	7.8	.0	.0	7.8	8.6
PPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
PPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
PPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.1	.0	.0	.1	.1
PPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	.3	.0	.0	.3	.3
PPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	9.0	.0	4.0	13.0	64.9	.0	.0	64.9	77.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 4									
OREGON									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	5.2	.0	.0	5.2	17.6	.0	2.1	19.7	24.9
RPG 2.00: FOREST RESOURCES	.0	.0	77.0	77.0	5.0	.0	54.2	59.2	136.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	26.9	.0	.0	26.9	53.2	.0	.0	53.2	80.1
RPG 4.00: ANIMALS	.0	.0	.0	.0	30.6	.0	.0	30.6	30.6
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	2.5	.0	.6	3.1	3.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	2.6	.0	.4	3.0	3.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	7.2	.0	.0	7.2	7.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	32.1	.0	77.0	109.1	123.5	.0	57.3	180.8	289.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 4									
UTAH									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.1	.0	.0	.1	9.5	.0	.0	9.5	9.5
RPG 2.00: FOREST RESOURCES	.0	.0	29.2	29.2	5.9	.0	.0	5.9	35.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	15.8	.0	1.4	17.2	16.9	.0	.0	16.9	34.2
RPG 4.00: ANIMALS	7.1	.0	.0	7.1	22.7	.0	.0	22.7	29.8
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	5.7	.0	.0	5.7	5.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.5	.0	.0	.5	5.7	.0	.0	5.7	6.2
GRAND TOTAL	23.5	.0	30.6	54.1	69.3	.0	.0	69.3	123.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 4									
WASHINGTON									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	10.2	.0	.0	10.2	15.2	.0	.0	15.2	25.4
RPG 2.00: FOREST RESOURCES	.0	.0	20.5	20.5	10.3	.0	51.1	61.4	81.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	52.3	.0	.0	52.3	68.6	.0	.0	68.6	120.9
RPG 4.00: ANIMALS	8.4	.0	.0	8.4	17.6	.0	.0	17.6	26.0
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.4	.0	.0	.4	5.1	.0	.0	5.1	5.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.6	.0	.0	.6	5.8	.0	.0	5.8	6.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.1	.0	.0	.1	2.5	.0	.0	2.5	2.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	2.2	.0	.0	2.2	6.1	.0	.0	6.1	8.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	74.2	.0	20.5	94.7	131.0	.0	51.1	182.1	276.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 4									
WYOMING									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	2.2	.0	.0	2.2	5.3	.0	.0	5.3	7.4
RPG 2.00: FOREST RESOURCES	.8	.0	3.0	3.8	2.9	.0	.0	2.9	6.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	6.9	.0	.0	6.9	15.5	.0	.0	15.5	22.4
RPG 4.00: ANIMALS	.3	.0	.0	.3	16.5	.0	.0	16.5	16.8
RPG 5.00: PEOPLE, COMMUNITIES, & INST - INCLUDING RURAL DEV	.0	.0	.0	.0	.8	.0	.0	.8	.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	.2	.0	.0	.2	.2
GRAND TOTAL	10.1	.0	3.0	13.1	44.8	.0	.0	44.8	57.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM GROUP SUMMARY

REGION 4									
GUAM									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.9	.0	.0	.9	.9
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RPG 4.00: ANIMALS	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	.0	.0	.0	.0	.1	.0	.0	.1	.1
GRAND TOTAL	.0	.0	.0	.0	8.5	.0	.0	8.5	8.5

TABLE V-B NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981

RESEARCH PROGRAM SUMMARY

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 3.18: SEEDS	7.7	.0	.0	7.7	12.4	.0	.0	12.4	20.1
RP 3.19: NONSPECIFIC-PLANTS	188.0	12.7	.0	200.7	197.1	2.6	.4	200.1	400.8
RP 4.01: BEEF	142.5	2.6	.0	145.0	387.9	8.7	.0	396.6	541.6
RP 4.02: DAIRY	85.8	.0	.0	85.8	282.8	2.9	.0	285.7	371.6
RP 4.03: POULTRY	63.2	.5	.0	63.7	211.0	7.0	.0	217.9	281.6
RP 4.04: SHEEP	48.5	.5	.0	49.0	71.2	16.0	.0	87.1	136.1
RP 4.05: SWINE	66.3	1.5	.0	67.8	153.8	8.5	.0	162.3	230.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	13.5	.0	.0	13.5	73.4	11.7	.0	85.0	96.5
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	1.1	.0	.0	1.1	66.7	2.4	.1	69.2	70.3
RP 4.08: NONSPECIFIC-ANIMALS	25.1	3.5	.0	28.5	138.3	.5	.5	139.3	167.8
RP 4.09: INVERTEBRATES	114.6	.0	.0	114.6	81.1	1.2	.8	83.0	197.7
RP 5.01: INDIVIDUALS AND FAMILIES	5.7	11.5	.0	17.2	100.5	10.0	.4	110.8	128.0
RP 5.02: LIVING ENVIRONMENT	8.9	2.6	5.5	17.0	29.2	5.2	.0	34.4	51.5
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	3.4	43.7	.0	47.1	170.4	27.3	.2	197.9	244.5
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	27.5	.0	.0	27.5	42.3	.0	.0	42.3	69.7
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	14.2	.0	.0	14.2	14.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	3.8	73.3	.0	77.1	154.9	6.4	.3	161.6	238.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	32.4	128.0	.0	160.4	31.9	.0	.1	32.0	192.4
RP 6.03: MARKETING & COMPETITION	21.6	125.0	.0	146.6	200.7	2.3	.0	202.9	349.5
RP 7.01: MANMADE RESOURCES	3.8	.0	.0	3.8	17.9	.0	2.7	20.6	24.4
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	38.6	.0	.0	38.6	199.7	.9	7.9	208.5	247.1
RP 8.01: HUMAN NUTRITION	136.2	11.0	.0	147.2	142.7	27.1	.0	169.8	317.0
RP 8.02: FOOD PROCESSING	22.0	.0	.0	22.0	36.6	.0	.0	36.6	58.6
RP 8.03: FOOD SAFETY	138.8	.0	.0	138.8	107.8	8.9	.0	116.8	255.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.4	.0	.0	.4	7.8	.0	.0	7.8	8.2
RP 8.05: FOOD SERVICE	2.8	3.1	.0	5.9	13.8	.4	.0	14.2	20.1
RP 9.01: UNCLASSIFIED	.5	.0	.0	.5	4.2	.0	4.5	8.7	5.2
GRAND TOTAL	2838.5	520.8	958.2	4317.5	6750.0	220.6	263.7	7234.3	11551.8

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

FOREIGN

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH CCCE INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.03: FOREST PROTECTION	.8	.0	.0	.8	.0	.0	.0	.0	.8
RP 2.09: TECHNICAL ASSISTANCE	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 3.02: GRAIN SORGHUM	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 3.06: SOYBEANS	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
RP 3.09: FORAGE, RANGE, & PASTURE	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 3.10: COTTON	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
RP 3.13: FRUIT	1.6	.0	.0	1.6	.0	.0	.0	.0	1.6
RP 3.14: VEGETABLE CROPS	.3	.0	.0	.3	.0	.0	.0	.0	.3
RP 3.19: NONSPECIFIC-PLANTS	.3	.0	.0	.3	.0	.0	.0	.0	.3
RP 4.01: BEEF	.6	.0	.0	.6	.0	.0	.0	.0	.6
RP 4.02: DAIRY	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 4.08: NONSPECIFIC-ANIMALS	.1	.0	.0	.1	.0	.0	.0	.0	.1
RP 4.09: INVERTEBRATES	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	14.7	.0	.0	14.7	.0	.0	.0	.0	14.7
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.1	.0	.0	.1	.0	.0	.0	.0	.1
RP 8.01: HUMAN NUTRITION	2.5	.0	.0	2.5	.0	.0	.0	.0	2.5
GRAND TOTAL	24.2	.0	.0	24.2	.0	.0	.0	.0	24.2

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981

REGION 1

RESEARCH PROGRAM SUMMARY

NORTHEAST REGION

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	11.8	19.9	.0	31.7	25.9	.2	.2	26.3	57.9
RP 1.02: WATER & WATERSHEDS	11.7	61.3	.0	73.0	5.9	.0	.1	6.0	79.0
RP 1.03: RECREATION	.0	.2	.0	.2	3.9	.0	.0	3.9	4.1
RP 1.04: ENVIRONMENTAL QUALITY	35.9	15.4	.0	51.3	40.1	.5	1.4	42.0	93.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	2.4	.0	.0	2.4	3.6	.0	.0	3.6	6.0
RP 1.06: FISH & WILDLIFE	.8	.0	.0	.8	11.0	.4	1.0	12.4	13.3
RP 1.07: REMOTE SENSING	4.0	.0	.0	4.0	.7	.0	.3	1.0	5.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	12.3	12.3	3.5	.0	1.5	5.0	17.3
RP 2.02: TIMBER MANAGEMENT	.0	.0	34.9	34.9	19.2	.0	4.7	23.8	58.8
RP 2.03: FOREST PROTECTION	3.2	.0	20.4	23.6	20.1	.0	5.2	25.3	49.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	1.2	28.4	29.6	14.9	.0	16.3	31.2	60.9
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	9.4	9.4	7.8	.0	2.8	10.5	19.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	4.9	4.9	4.1	.0	1.6	5.7	10.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	4.8	4.8	4.7	.0	2.9	7.5	12.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	6.2	6.2	3.8	.0	2.1	5.9	12.1
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	1.5	1.5	1.5
RP 2.10: TREES, FORESTS & FOREST PRODUCTS--GENERAL	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	3.9	.0	.0	3.9	21.1	.0	.0	21.1	25.0
RP 3.02: GRAIN SORGHUM	.1	.0	.0	.1	.0	.0	.0	.0	.1
RP 3.03: WHEAT	8.3	.0	.0	8.3	4.6	.0	.0	4.6	12.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	3.3	.0	.0	3.3	3.0	.0	.0	3.0	6.3
RP 3.05: RICE	.9	.0	.0	.9	.5	.0	.0	.5	1.4
RP 3.06: SOYBEANS	18.3	.0	.0	18.3	8.2	1.4	.0	9.7	27.9
RP 3.07: PEANUTS	.3	.0	.0	.3	.0	.0	.0	.0	.3
RP 3.08: SUGAR	3.7	2.0	.0	5.7	.0	.0	.0	.0	5.8
RP 3.09: FORAGE, RANGE, & PASTURE	18.1	1.3	.0	19.4	30.6	.5	.1	31.1	50.5
RP 3.10: COTTON	1.2	.0	.0	1.2	.3	.0	.0	.3	1.5
RP 3.11: TOBACCO	6.4	.0	.0	6.4	9.1	.0	.0	9.1	15.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	8.1	.0	.0	8.1	1.7	.0	.2	1.8	9.9
RP 3.13: FRUIT	28.2	.0	.0	28.2	88.9	.0	.0	88.9	117.1
RP 3.14: VEGETABLE CROPS	45.7	.0	.0	45.7	89.4	1.5	.2	91.1	136.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	25.0	.0	.0	25.0	40.5	.0	.0	40.5	65.5
RP 3.16: BEES & OTHER POLLINATING INSECTS	3.7	.0	.0	3.7	3.0	.0	.0	3.0	6.7
RP 3.17: WEEDS IN CROPS	7.6	.0	.0	7.6	.5	.0	.0	.5	8.1
RP 3.18: SEEDS	5.8	.0	.0	5.8	3.1	.0	.0	3.1	8.9
RP 3.19: NONSPECIFIC-PLANTS	59.0	12.7	.0	71.7	23.9	.0	.2	24.1	95.8

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981

RESEARCH PROGRAM SUMMARY

REGION 1

NORTHEAST REGION

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INETS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.01: BEEF	42.5	2.6	.0	45.0	15.0	.0	.0	15.0	60.0
RP 4.02: DAIRY	54.1	.0	.0	54.1	56.3	.2	.0	56.4	110.5
RP 4.03: POULTRY	19.9	.5	.0	20.4	52.6	.0	.0	52.6	73.0
RP 4.04: SHEEP	11.2	.5	.0	11.7	5.8	11.6	.0	17.4	29.1
RP 4.05: SWINE	33.0	1.5	.0	34.5	7.2	.0	.0	7.2	41.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	8.2	.0	.0	8.2	13.6	.0	.0	13.6	21.7
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.1	.0	.0	.1	11.2	.2	.1	11.5	11.6
RP 4.08: NONSPECIFIC-ANIMALS	3.6	3.5	.0	7.1	14.1	.0	.5	14.6	21.7
RP 4.09: INVERTEBRATES	60.3	.0	.0	60.3	11.9	.0	.8	12.7	72.9
RP 5.01: INDIVIDUALS AND FAMILIES	5.3	11.5	.0	16.8	28.2	.6	.0	28.7	45.5
RP 5.02: LIVING ENVIRONMENT	1.5	2.6	.0	4.1	3.7	.0	.0	3.7	7.8
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	43.7	.0	43.7	45.5	1.0	.0	46.5	90.2
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	2.6	.0	.0	2.6	12.7	.0	.0	12.7	15.3
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.5	69.1	.0	69.6	21.1	.0	.0	21.1	90.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	128.0	.0	128.0	7.7	.0	.1	7.7	135.7
RP 6.03: MARKETING & COMPETITION	.0	125.0	.0	125.0	28.1	.0	.0	28.1	153.0
RP 7.01: HANMADE RESOURCES	.5	.0	.0	.5	4.1	.0	2.7	6.8	7.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	19.3	.0	.0	19.3	40.5	.0	7.5	48.0	67.3
RP 8.01: HUMAN NUTRITION	90.0	11.0	.0	101.0	32.0	.5	.0	32.6	133.6
RP 8.02: FOOD PROCESSING	2.7	.0	.0	2.7	10.5	.0	.0	10.5	13.2
RP 8.03: FOOD SAFETY	58.0	.0	.0	58.0	22.9	.4	.0	23.4	81.3
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 8.05: FOOD SERVICE	2.6	3.1	.0	5.7	3.8	.0	.0	3.8	9.5
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	4.5	4.5	4.5
GRAND TOTAL	733.1	516.6	121.3	1371.0	948.1	18.9	58.1	1025.1	2396.1

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981

REGION 2

RESEARCH PROGRAM SUMMARY

SOUTHERN REGION

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	26.8	.0	.0	26.8	75.5	5.8	.0	81.3	108.2
RP 1.02: WATER & WATERSHEDS	53.8	.0	.0	53.8	39.9	.3	.5	40.6	94.4
RP 1.03: RECREATION	.0	.0	.0	.0	8.0	1.0	.0	9.0	9.0
RP 1.04: ENVIRONMENTAL QUALITY	25.3	.0	.0	25.3	62.7	18.2	.0	80.9	106.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.4	.0	.0	.4	3.7	.2	.4	4.3	4.7
RP 1.06: FISH & WILDLIFE	.3	.0	.0	.3	23.2	1.0	.1	24.3	24.6
RP 1.07: REMOTE SENSING	7.9	.0	.0	7.9	1.9	.2	.0	2.0	10.0
RP 1.08: AQUATIC WEEDS	.8	.0	.0	.8	.6	.0	.0	.6	1.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	15.0	15.0	6.5	.1	.3	6.8	21.8
RP 2.02: TIMBER MANAGEMENT	.0	.0	86.9	86.9	60.4	.5	6.7	67.6	154.5
RP 2.03: FOREST PROTECTION	.0	.0	47.3	47.3	28.4	.0	2.4	30.8	76.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	26.5	26.5	42.8	.0	3.1	45.9	72.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	26.6	26.6	10.5	.0	2.4	12.9	39.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	14.0	14.0	10.5	.0	1.5	12.0	26.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	2.5	2.5	5.3	.0	.5	5.8	8.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.8	.8	5.2	.0	2.3	7.4	8.2
RP 2.09: TECHNICAL ASSISTANCE	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 2.10: TREES, FORESTS & FOREST PRODUCTS--GENERAL	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.11: FOREST & RANGE RESOURCES	.0	.0	.0	.0	.7	.0	.1	.8	.8
RP 3.01: CORN	23.6	.0	.0	23.6	52.5	.3	.0	52.8	76.5
RP 3.02: GRAIN SORGHUM	11.2	.0	.0	11.2	35.8	.1	.0	35.9	47.1
RP 3.03: WHEAT	8.7	.0	.0	8.7	31.3	.0	.0	31.3	40.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.4	.0	.0	1.4	14.7	.6	.0	15.3	16.7
RP 3.05: RICE	14.3	.0	.0	14.3	31.6	.0	.0	31.6	45.8
RP 3.06: SOYBEANS	31.0	.0	.0	31.0	122.2	11.6	.0	133.8	164.8
RP 3.07: PEANUTS	29.5	.0	.0	29.5	35.4	1.3	.0	36.7	66.2
RP 3.08: SUGAR	24.3	.0	.0	24.3	31.6	.0	.0	31.6	55.9
RP 3.09: FORAGE, RANGE, & PASTURE	48.3	.0	.0	48.3	145.1	4.0	.0	149.1	197.4
RP 3.10: COTTON	160.3	.0	.0	160.3	99.2	1.6	.0	100.8	261.1
RP 3.11: TOBACCO	26.7	.0	.0	26.7	47.4	1.3	.0	48.7	75.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	8.6	.0	.0	8.6	12.1	.3	.0	12.3	20.9
RP 3.13: FRUIT	70.8	.0	.0	70.8	176.5	3.0	.0	179.4	250.2
RP 3.14: VEGETABLE CROPS	35.4	.0	.0	35.4	177.2	11.9	.0	189.1	224.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	2.9	.0	.0	2.9	102.4	.0	.0	102.4	105.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	8.0	.0	.0	8.0	3.0	.0	.0	3.0	11.0
RP 3.17: WEEDS IN CROPS	5.3	.0	.0	5.3	3.5	.5	.0	4.0	9.3

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981

REGION 2

RESEARCH PROGRAM SUMMARY

SOUTHERN REGION

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 3.18: SEEDS	.7	.0	.0	.7	2.8	.0	.0	2.8	3.5
RP 3.19: NONSPECIFIC-PLANTS	42.3	.0	.0	42.3	49.9	2.6	.0	52.4	94.7
RP 4.01: BEEF	46.9	.0	.0	46.9	168.0	7.9	.0	175.8	222.7
RP 4.02: DAIRY	5.7	.0	.0	5.7	97.7	2.6	.0	100.3	105.9
RP 4.03: POULTRY	20.5	.0	.0	20.5	87.0	7.0	.0	93.9	114.4
RP 4.04: SHEEP	5.8	.0	.0	5.8	16.4	3.6	.0	19.9	25.8
RP 4.05: SWINE	9.4	.0	.0	9.4	63.2	7.7	.0	70.9	80.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.3	.0	.0	.3	30.1	11.7	.0	41.8	42.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	1.0	.0	.0	1.0	33.1	2.2	.0	35.3	36.3
RP 4.08: NONSPECIFIC-ANIMALS	13.9	.0	.0	13.9	14.9	.5	.0	15.5	29.4
RP 4.09: INVERTEBRATES	19.6	.0	.0	19.6	24.1	1.2	.0	25.3	44.9
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	22.8	9.4	.0	32.2	32.2
RP 5.02: LIVING ENVIRONMENT	6.6	.0	5.5	12.1	10.3	5.2	.0	15.5	27.6
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	2.9	.0	.0	2.9	46.6	25.9	.0	72.5	75.4
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	24.7	.0	.0	24.7	9.9	.0	.0	9.9	34.6
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	6.2	.0	.0	6.2	6.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.8	4.2	.0	6.0	51.2	6.4	.3	57.8	63.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.7	.0	.0	1.7	4.5	.0	.0	4.5	6.2
RP 6.03: MARKETING & COMPETITION	15.1	.0	.0	15.1	82.7	2.3	.0	85.0	100.1
RP 7.01: HANMADE RESOURCES	1.3	.0	.0	1.3	2.8	.0	.0	2.8	4.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RFGS	4.5	.0	.0	4.5	46.6	.9	.0	47.5	52.0
RP 8.01: HUMAN NUTRITION	3.3	.0	.0	3.3	34.5	25.6	.0	60.1	63.4
RP 8.02: FOOD PROCESSING	1.2	.0	.0	1.2	3.5	.0	.0	3.5	4.7
RP 8.03: FOOD SAFETY	35.8	.0	.0	35.8	31.5	8.5	.0	40.0	75.8
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 8.05: FOOD SERVICE	.2	.0	.0	.2	3.6	.4	.0	4.0	4.2
RP 9.01: UNCLASSIFIED	.5	.0	.0	.5	3.5	.0	.0	3.5	4.0
GRAND TOTAL	891.5	4.2	225.0	1120.7	2456.1	195.1	20.5	2671.7	3792.4

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981

REGION 3

RESEARCH PROGRAM SUMMARY

NORTH CENTRAL REGION

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	28.0	.0	.0	28.0	92.9	.0	.0	92.9	120.9
RP 1.02: WATER & WATERSHEDS	21.1	.0	1.5	22.6	36.0	.0	.2	36.2	58.9
RP 1.03: RECREATION	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 1.04: ENVIRONMENTAL QUALITY	14.0	.0	.0	14.0	36.8	.0	.0	36.8	50.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.3	.0	.0	1.3	13.6	.0	.0	13.6	14.8
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	16.1	.0	.0	16.1	16.1
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	8.0	8.0	6.3	.0	1.4	7.7	15.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	36.4	36.4	35.1	.0	3.9	39.0	75.4
RP 2.03: FOREST PROTECTION	.0	.0	42.5	42.5	11.7	.0	.5	12.2	54.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	108.6	108.6	21.2	.0	5.7	26.8	135.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	6.7	6.7	9.1	.0	2.9	12.0	18.6
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	6.5	6.5	3.3	.0	.0	3.3	5.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	8.3	8.3	6.9	.0	.9	7.8	16.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	12.3	12.3	4.3	.0	.6	5.1	17.4
RP 2.11: FOREST & RANGE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	55.6	.0	.0	55.6	105.4	.0	.0	105.4	161.0
RP 3.02: GRAIN SORGHUM	8.6	.0	.0	8.6	23.4	.0	.0	23.4	32.0
RP 3.03: WHEAT	44.9	.0	.0	44.9	70.8	.0	.0	70.8	115.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	20.4	.0	.0	20.4	31.6	.0	.0	31.6	52.0
RP 3.05: RICE	1.2	.0	.0	1.2	2.8	.0	.0	2.8	4.0
RP 3.06: SOYBEANS	55.2	.0	.0	55.2	77.7	.5	.2	78.4	133.6
RP 3.07: PEANUTS	.9	.0	.0	.9	.1	.0	.0	.1	1.0
RP 3.08: SUGAR	5.4	.0	.0	5.4	4.3	.0	.0	4.3	9.7
RP 3.09: FORAGE, RANGE, & PASTURE	25.9	.0	2.0	27.9	70.5	.5	.0	71.0	98.6
RP 3.10: COTTON	2.4	.0	.0	2.4	.6	.0	.0	.6	2.9
RP 3.11: TOBACCO	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	22.3	.0	.0	22.3	20.1	.0	.0	20.1	42.4
RP 3.13: FRUIT	6.0	.0	.0	6.0	40.0	.0	.0	40.0	46.0
RP 3.14: VEGETABLE CROPS	12.7	.0	.0	12.7	77.5	.5	.0	78.0	90.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	8.5	.0	.0	8.5	41.2	.0	.1	41.3	49.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	2.9	.0	.0	2.9	2.3	.0	.0	2.3	5.2
RP 3.17: WEEDS IN CROPS	3.1	.0	.0	3.1	4.2	.0	.0	4.2	7.2
RP 3.18: SEEDS	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 3.19: NONSPECIFIC-PLANTS	40.6	.0	.0	40.6	57.7	.0	.0	57.7	98.3
RP 4.01: BEEF	37.2	.0	.0	37.2	103.6	.8	.0	104.4	141.6

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981

REGION 3

RESEARCH PROGRAM SUMMARY

NORTH CENTRAL REGION

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSWS/SAES TOTAL	TOTAL
RP 4.02: DAIRY	19.5	.0	.0	19.5	92.9	.2	.0	93.1	112.5
RP 4.03: POULTRY	18.8	.0	.0	18.8	48.3	.0	.0	48.3	67.1
RP 4.04: SHEEP	10.0	.0	.0	10.0	19.7	.8	.0	20.5	30.4
RP 4.05: SWINE	23.3	.0	.0	23.3	75.7	.8	.0	76.5	99.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.8	.0	.0	.8	18.7	.0	.0	18.7	19.5
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 4.08: NONSPECIFIC-ANIMALS	4.9	.0	.0	4.9	46.6	.0	.0	46.6	51.5
RP 4.09: INVERTEBRATES	24.3	.0	.0	24.3	11.5	.0	.0	11.5	35.8
RP 5.01: INDIVIDUALS AND FAMILIES	.4	.0	.0	.4	31.4	.0	.0	31.4	31.8
RP 5.02: LIVING ENVIRONMENT	.8	.0	.0	.8	9.5	.0	.0	9.5	10.3
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.2	.0	.0	.2	48.1	.5	.0	48.7	48.9
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	6.8	.0	.0	6.8	6.8
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.4	.0	.0	1.4	48.0	.0	.0	48.0	49.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	11.3	.0	.0	11.3	13.3	.0	.1	13.3	24.6
RP 6.03: MARKETING & COMPETITION	5.0	.0	.0	5.0	49.8	.0	.0	49.8	54.8
RP 7.01: MANMADE RESOURCES	2.0	.0	.0	2.0	8.2	.0	.0	8.2	10.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	14.3	.0	.0	14.3	71.6	.0	.0	71.6	85.9
RP 8.01: HUMAN NUTRITION	20.1	.0	.0	20.1	32.8	1.0	.0	33.8	53.9
RP 8.02: FOOD PROCESSING	5.4	.0	.0	5.4	12.8	.0	.0	12.8	18.2
RP 8.03: FOOD SAFETY	30.0	.0	.0	30.0	24.0	.0	.0	24.0	53.9
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.4	.0	.0	.4	2.8	.0	.0	2.8	3.2
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	5.5	.0	.0	5.5	5.5
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	610.8	.0	232.7	843.5	1724.6	5.6	16.7	1746.9	2590.4

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 4
WESTERN REGION

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH CCOF INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	33.7	.0	.0	33.7	84.2	.0	.1	84.3	118.0
RP 1.02: WATER & WATERSHEDS	58.8	.0	2.8	61.6	67.9	.0	.9	68.8	130.4
RP 1.03: RECREATION	.0	.0	.0	.0	5.3	.0	1.4	6.7	6.7
RP 1.04: ENVIRONMENTAL QUALITY	25.3	.0	.0	25.3	62.0	.0	1.1	63.1	88.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	3.6	.0	.0	3.6	29.6	.0	1.6	31.2	34.8
RP 1.06: FISH & WILDLIFE	.6	.0	.0	.6	19.8	.0	8.6	28.4	29.0
RP 1.07: REMOTE SENSING	.1	.0	.0	.1	1.4	.0	.3	1.7	1.8
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	31.5	31.5	11.7	.0	2.8	14.5	45.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	79.9	79.9	13.9	.0	53.2	67.1	147.0
RP 2.03: FOREST PROTECTION	.0	.0	105.9	105.9	15.2	.0	13.2	28.4	134.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	17.0	17.0	24.3	.0	36.0	60.3	77.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	68.3	68.3	7.6	.0	24.8	32.4	100.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	43.9	43.9	9.9	.0	13.4	23.3	67.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	10.0	10.0	6.9	.0	6.2	13.1	23.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	18.1	18.1	4.3	.0	.4	4.8	22.9
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.2	.0	.7	.8	.8
RP 2.10: TREES, FORESTS & FOREST PRODUCTS--GENERAL	.0	.0	.0	.0	.0	.0	.1	.1	.1
RP 2.11: FOREST & RANGE RESOURCES	.8	.0	.0	.8	.3	.0	1.0	1.3	2.1
RP 3.01: CORN	.0	.0	.0	.0	10.7	.0	.0	10.7	10.8
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 3.03: WHEAT	30.2	.0	.0	30.2	39.9	.0	.0	39.9	70.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	6.3	.0	.0	6.3	25.0	.0	.0	25.0	31.3
RP 3.05: RICE	2.0	.0	.0	2.0	4.5	.0	.0	4.5	6.5
RP 3.06: SOYBEANS	.1	.0	.0	.1	3.5	.0	.0	3.5	3.6
RP 3.07: PEANUTS	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 3.08: SUGAR	19.8	.0	.0	19.8	12.2	.0	.0	12.2	32.0
RP 3.09: FORAGE, RANGE, & PASTURE	64.4	.0	1.9	66.3	96.1	.0	1.5	97.5	163.8
RP 3.10: COTTON	31.5	.0	.0	31.5	33.4	.0	.0	33.4	65.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	10.1	.0	.0	10.1	25.2	1.0	.0	26.2	36.3
RP 3.13: FRUIT	63.0	.0	.0	63.0	145.0	.0	.0	145.0	208.0
RP 3.14: VEGETABLE CROPS	33.9	.0	.0	33.9	124.4	.0	.0	124.4	158.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	7.7	.0	.0	7.7	48.5	.0	.0	48.5	56.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	14.0	.0	.0	14.0	9.0	.0	.0	9.0	23.0
RP 3.17: WEEDS IN CROPS	5.8	.0	.0	5.8	1.6	.0	.0	1.6	7.4
RP 3.18: SEEDS	1.2	.0	.0	1.2	2.3	.0	.0	2.3	3.5
RP 3.19: NONSPECIFIC-PLANTS	45.9	.0	.0	45.9	65.6	.0	.2	65.8	111.7

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1981

REGION 4

RESEARCH PROGRAM SUMMARY

WESTERN REGION

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.01: BEEF	15.3	.0	.0	15.3	101.4	.0	.0	101.4	116.7
RP 4.02: DAIRY	6.2	.0	.0	6.2	36.0	.0	.0	36.0	42.2
RP 4.03: POULTRY	4.0	.0	.0	4.0	23.0	.0	.0	23.0	27.0
RP 4.04: SHEEP	21.5	.0	.0	21.5	29.3	.0	.0	29.3	50.6
RP 4.05: SWINE	.6	.0	.0	.6	7.7	.0	.0	7.7	8.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	4.2	.0	.0	4.2	11.0	.0	.0	11.0	15.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	17.9	.0	.0	17.9	17.9
RP 4.08: NONSPECIFIC-ANIMALS	2.6	.0	.0	2.6	62.7	.0	.0	62.7	65.2
RP 4.09: INVERTEBRATES	10.3	.0	.0	10.3	33.6	.0	.0	33.6	43.8
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	18.2	.0	.4	18.6	18.6
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	5.8	.0	.0	5.8	5.8
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.3	.0	.0	.3	30.0	.0	.2	30.2	30.5
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.1	.0	.0	.1	12.9	.0	.0	12.9	13.0
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	34.7	.0	.0	34.7	34.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	4.7	.0	.0	4.7	6.5	.0	.0	6.5	11.2
RP 6.03: MARKETING & COMPETITION	1.5	.0	.0	1.5	40.1	.0	.0	40.1	41.6
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPPS	.4	.0	.0	.4	41.0	.0	.4	41.4	41.5
RP 8.01: HUMAN NUTRITION	20.4	.0	.0	20.4	43.3	.0	.0	43.3	63.7
RP 8.02: FOOD PROCESSING	12.7	.0	.0	12.7	9.8	.0	.0	9.8	22.5
RP 9.03: FOOD SAFETY	15.1	.0	.0	15.1	29.4	.0	.0	29.4	44.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.3	.0	.0	.3	.3
GRAND TOTAL	578.9	.0	379.2	958.1	1621.2	1.0	168.4	1790.6	2748.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						FOREIGN		
RESEARCH PROGRAM SUMMARY		ARGENTINA								
		ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.06:	SOYBEANS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09:	FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.10:	COTTON	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.19:	NONSPECIFIC-PLANTS	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL		.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						FOREIGN		
RESEARCH PROGRAM SUMMARY		BRAZIL								
		ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 8.01: HUMAN NUTRITION		.5	.0	.0	.5	.0	.0	.0	.0	.5
GRAND TOTAL		.5	.0	.0	.5	.0	.0	.0	.0	.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981					FOREIGN			
RESEARCH PROGRAM SUMMARY		EL SALVADOR								
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 3.13: FRUIT	.0	.0	.0	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						FOREIGN		
RESEARCH PROGRAM SUMMARY		FINLAND								TOTAL
		ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	
RP 8.01: HUMAN NUTRITION		1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
GRAND TOTAL		1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						FOREIGN		
RESEARCH PROGRAM SUMMARY		FRANCE								
		ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 2.03:	FOREST PROTECTION	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 3.02:	GRAIN SORGHUM	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 3.09:	FORAGE, RANGE, & PASTURE	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 3.14:	VEGETABLE CROPS	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 4.09:	INVERTEBRATES	.2	.0	.0	.2	.0	.0	.0	.0	.2
GRAND TOTAL		1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981					FOREIGN			
RESEARCH PROGRAM SUMMARY		GUATEMALA								
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 3.13: FRUIT	.9	.0	.0	.9	.0	.0	.0	.0	.9	
RP 3.14: VEGETABLE CROPS	.1	.0	.0	.1	.0	.0	.0	.0	.1	
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						FOREIGN		
RESEARCH PROGRAM SUMMARY		ITALY								
		ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 3.13:	FRUIT	.7	.0	.0	.7	.0	.0	.0	.0	.7
RP 8.01:	HUMAN NUTRITION	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
GRAND TOTAL		1.7	.0	.0	1.7	.0	.0	.0	.0	1.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						FOREIGN		
RESEARCH PROGRAM SUMMARY		JAPAN								
		ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 2.03:	FOREST PROTECTION	.6	.0	.0	.6	.0	.0	.0	.0	.6
RP 3.19:	NONSPECIFIC-PLANTS	.3	.0	.0	.3	.0	.0	.0	.0	.3
RP 4.08:	NONSPECIFIC-ANIMALS	.1	.0	.0	.1	.0	.0	.0	.0	.1
GRAND TOTAL		1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981							FOREIGN		
RESEARCH PROGRAM SUMMARY							KENYA		
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.01: BEEF	.6	.0	.0	.6	.0	.0	.0	.0	.6
RP 4.02: DAIRY	.4	.0	.0	.4	.0	.0	.0	.0	.4
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981					FOREIGN			
RESEARCH PROGRAM SUMMARY		NETHERLANDS								
		ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT		1.6	.0	.0	1.6	.0	.0	.0	.0	1.6
GRAND TOTAL		1.6	.0	.0	1.6	.0	.0	.0	.0	1.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981					FOREIGN			
RESEARCH PROGRAM SUMMARY		SWITZERLAND								
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 2.09: TECHNICAL ASSISTANCE	.2	.0	.0	.2	.0	.0	.0	.0	.2	
GRAND TOTAL	.2	.0	.0	.2	.0	.0	.0	.0	.2	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						FOREIGN	
RESEARCH PROGRAM SUMMARY		TAIWAN							
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 3.06: SOYBEANS	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FOREIGN		TOTAL
							THAILAND	CSRS/SAES TOTAL	
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	13.1	.0	.0	13.1	.0	.0	.0	.0	13.1
GRAND TOTAL	14.1	.0	.0	14.1	.0	.0	.0	.0	14.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FOREIGN		TOTAL
							UNITED KINGDOM	CSRS/SAES TOTAL	
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC CONN RESOURCES OR RPGS	.1	.0	.0	.1	.0	.0	.0	.0	.1
GRAND TOTAL	.1	.0	.0	.1	.0	.0	.0	.0	.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1

CONNECTICUT

	ARS	ERS/ACS	FS	USDA TOTAL	NEW HAYEN	CONN STORRS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.6	.5	.0	1.1	1.1
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.3	.0	.3	.3
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	4.0	.7	.0	4.7	4.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.4	.0	.4	.4
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.9	.0	.9	.9
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.7	.0	.7	.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.5	.3	.0	.8	.8
RP 2.03: FOREST PROTECTION	.0	.0	13.1	13.1	5.0	.0	.0	5.0	18.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.1	.0	.1	.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.6	.0	.6	.6
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.1	.0	.1	.1
RP 3.01: CORN	.0	.0	.0	.0	1.0	.2	.0	1.2	1.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.06: SOYBEANS	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	.9	.0	.9	.9
RP 3.11: TOBACCO	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.13: FRUIT	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	2.3	1.0	.0	3.3	3.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	3.2	1.3	.0	4.6	4.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.3	.0	.3	.3
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	.0	.1	.0	.1	.1
RP 4.01: BEEF	.0	.0	.0	.0	.0	.9	.0	.9	.9
RP 4.02: DAIRY	.0	.0	.0	.0	.3	2.6	.0	2.9	2.9
RP 4.03: POULTRY	.0	.0	.0	.0	.0	3.7	.0	3.7	3.7
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.6	.0	.6	.6
RP 4.05: SWINE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.9	2.2	.0	3.1	3.1
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	.0	.8	.0	.8	.8
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	.0	2.6	.0	2.6	2.6
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.3	.0	.3	.3
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	1.5	.0	1.5	1.5
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC CONN RESOURCES OR RFGS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	.0	2.0	.0	2.0	2.0
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

RESEARCH PROGRAM SUMMARY

REGION 1

CONNECTICUT

	ARS	ERS/ACS	FS	USDA TOTAL	CONN NEW HAVEN	CONN STORRS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	.0	1.1	.0	1.1	1.1
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	13.1	13.1	31.8	26.8	.0	58.6	71.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

					REGION 1				
					DELAWARE				
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.5	.2	.0	1.7	1.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.4	.0	.4	.4
RP 2.03: FOREST PROTECTION	.7	.0	.0	.7	1.1	.0	.0	1.1	1.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.01: CORN	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 3.06: SOYBEANS	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.1	.5	.0	.5	.5
RP 3.13: FRUIT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	2.7	1.5	.0	4.2	4.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.19: NONSPECIFIC-PLANTS	2.8	.0	.0	2.8	1.1	.0	.0	1.1	3.9
RP 4.01: BEEF	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.02: DAIRY	.0	.0	.0	.0	.5	.2	.0	.7	.7
RP 4.03: POULTRY	2.5	.0	.0	2.5	6.6	.0	.0	6.6	9.1
RP 4.05: SWINE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.09: INVERTEBRATES	1.5	.0	.0	1.5	.0	.0	.0	.0	1.5
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	1.1	.5	.0	1.6	1.6
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 8.03: FOOD SAFETY	.2	.0	.0	.2	.1	.0	.0	.1	.3
GRAND TOTAL	7.7	.0	.0	7.7	25.7	3.2	.0	28.9	36.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1
DISTRICT OF COLUMBIA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	19.9	.0	19.9	.0	.0	.0	.0	19.9
RP 1.02: WATER & WATERSHEDS	.0	61.3	.0	61.3	.0	.0	.0	.0	61.3
RP 1.03: RECREATION	.0	.2	.0	.2	.0	.0	.0	.0	.2
RP 1.04: ENVIRONMENTAL QUALITY	.0	15.4	.0	15.4	.0	.0	.0	.0	15.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	1.2	.0	1.2	.0	.0	.0	.0	1.2
RP 3.08: SUGAR	.0	2.0	.0	2.0	.0	.0	.0	.0	2.0
RP 3.09: FORAGE, RANGE, & PASTURE	.0	1.3	.0	1.3	.0	.0	.0	.0	1.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	8.8	.0	.0	8.8	.0	.0	.0	.0	8.8
RP 3.19: NONSPECIFIC-PLANTS	.0	12.7	.0	12.7	.0	.0	.0	.0	12.7
RP 4.01: BEEF	.0	2.6	.0	2.6	.0	.0	.0	.0	2.6
RP 4.03: POULTRY	.0	.5	.0	.5	.0	.0	.0	.0	.5
RP 4.04: SHEEP	.0	.5	.0	.5	.0	.0	.0	.0	.5
RP 4.05: SWINE	.0	1.5	.0	1.5	.0	.0	.0	.0	1.5
RP 4.08: NONSPECIFIC-ANIMALS	.0	3.5	.0	3.5	.0	.0	.0	.0	3.5
RP 5.01: INDIVIDUALS AND FAMILIES	.0	11.5	.0	11.5	.0	.0	.0	.0	11.5
RP 5.02: LIVING ENVIRONMENT	.0	2.6	.0	2.6	.0	.0	.0	.0	2.6
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	43.7	.0	43.7	.0	.0	.0	.0	43.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	69.1	.0	69.1	.0	.0	.0	.0	69.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	128.0	.0	128.0	.0	.0	.0	.0	128.0
RP 6.03: MARKETING & COMPETITION	.0	125.0	.0	125.0	.0	.0	.0	.0	125.0
RP 8.01: HUMAN NUTRITION	2.5	11.0	.0	13.5	.0	.0	.0	.0	13.5
RP 8.05: FOOD SERVICE	.0	3.1	.0	3.1	.0	.0	.0	.0	3.1
GRAND TOTAL	11.3	516.6	.0	527.9	.0	.0	.0	.0	527.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1

MAINE

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 1.02: WATER & WATERSHEDS	1.3	.0	.0	1.3	.0	.0	.0	.0	1.3
RP 1.03: RECREATION	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.02: TIMBER MANAGEMENT	.0	.0	4.7	4.7	3.9	.0	.0	3.9	8.6
RP 2.03: FOREST PROTECTION	.0	.0	1.8	1.8	5.2	.0	.0	5.2	7.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	6.3	.0	.0	6.3	6.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.7	.7	.4	.0	.0	.4	1.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 3.09: FORAGE, RANGE, & PASTURE	.4	.0	.0	.4	1.0	.0	.0	1.0	1.4
RP 3.13: FRUIT	.5	.0	.0	.5	4.3	.0	.0	4.3	4.8
RP 3.14: VEGETABLE CROPS	1.4	.0	.0	1.4	10.2	.0	.0	10.2	11.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.02: DAIRY	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 4.03: POULTRY	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RECS	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	.7	.0	.0	.7	.7
GRAND TOTAL	3.6	.0	7.2	10.8	63.4	.0	.0	63.4	74.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1

MARYLAND

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	3.2	.0	.0	3.2	2.2	.2	.0	2.4	5.5
RP 1.02: WATER & WATERSHEDS	3.2	.0	.0	3.2	1.8	.0	.0	1.8	5.0
RP 1.03: RECREATION	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.04: ENVIRONMENTAL QUALITY	22.8	.0	.0	22.8	2.8	.3	.0	3.1	25.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.3	.0	.0	1.3	.1	.0	.0	.1	1.4
RP 1.06: FISH & WILDLIFE	.8	.0	.0	.8	.1	.0	.0	.1	.9
RP 1.07: REMOTE SENSING	4.0	.0	.0	4.0	.0	.0	.0	.0	4.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	7.0	7.0	1.4	.0	.0	1.4	8.4
RP 2.03: FOREST PROTECTION	1.4	.0	.0	1.4	.7	.0	.0	.7	2.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	3.9	.0	.0	3.9	2.3	.0	.0	2.3	6.1
RP 3.02: GRAIN SORGHUM	.1	.0	.0	.1	.0	.0	.0	.0	.1
RP 3.03: WHEAT	5.6	.0	.0	5.6	1.7	.0	.0	1.7	7.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.9	.0	.0	1.9	.7	.0	.0	.7	2.6
RP 3.05: RICE	.9	.0	.0	.9	.3	.0	.0	.3	1.2
RP 3.06: SOYBEANS	14.6	.0	.0	14.6	2.9	1.4	.0	4.3	16.5
RP 3.07: PEANUTS	.3	.0	.0	.3	.0	.0	.0	.0	.3
RP 3.08: SUGAR	3.7	.0	.0	3.7	.0	.0	.0	.0	3.7
RP 3.09: FORAGE, RANGE, & PASTURE	8.2	.0	.0	8.2	2.1	.0	.0	2.1	10.3
RP 3.10: COTTON	1.2	.0	.0	1.2	.3	.0	.0	.3	1.4
RP 3.11: TOBACCO	5.7	.0	.0	5.7	3.8	.0	.0	3.8	9.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	5.8	.0	.0	5.8	.5	.0	.0	.5	6.3
RP 3.13: FRUIT	15.1	.0	.0	15.1	3.5	.0	.0	3.5	18.7
RP 3.14: VEGETABLE CROPS	26.5	.0	.0	26.5	6.3	.0	.0	6.3	32.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	15.1	.0	.0	15.1	3.2	.0	.0	3.2	18.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	3.6	.0	.0	3.6	.2	.0	.0	.2	3.8
RP 3.17: WEEDS IN CROPS	6.1	.0	.0	6.1	.0	.0	.0	.0	6.1
RP 3.18: SEEDS	5.8	.0	.0	5.8	.0	.0	.0	.0	5.8
RP 3.19: NONSPECIFIC-PLANTS	51.8	.0	.0	51.8	1.7	.0	.0	1.7	53.5
RP 4.01: BEEF	16.7	.0	.0	16.7	3.0	.0	.0	3.0	19.7
RP 4.02: DAIRY	33.7	.0	.0	33.7	7.3	.0	.0	7.3	40.9
RP 4.03: POULTRY	17.0	.0	.0	17.0	5.8	.0	.0	5.8	22.8
RP 4.04: SHEEP	6.0	.0	.0	6.0	.3	11.6	.0	11.9	17.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1

MARYLAND

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.05: SWINE	13.1	.0	.0	13.1	1.2	.0	.0	1.2	14.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.7	.0	.0	.7	2.6	.0	.0	2.6	3.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.1	.0	.0	.1	1.6	.2	.0	1.8	1.9
RP 4.08: NONSPECIFIC-ANIMALS	.5	.0	.0	.5	.1	.0	.0	.1	.6
RP 4.09: INVERTEBRATES	58.5	.0	.0	58.5	.3	.0	.0	.3	58.8
RP 5.01: INDIVIDUALS AND FAMILIES	5.3	.0	.0	5.3	.1	.6	.0	.7	6.0
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	1.6	.5	.0	2.1	2.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	2.6	.0	.0	2.6	.1	.0	.0	.1	2.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.4	.0	.0	.4	1.9	.0	.0	1.9	2.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 7.01: MANMADE RESOURCES	.5	.0	.0	.5	.3	.0	.0	.3	.8
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	17.5	.0	.0	17.5	.1	.0	.0	.1	17.6
RP 8.01: HUMAN NUTRITION	83.8	.0	.0	83.8	.5	.5	.0	1.0	84.6
RP 8.03: FOOD SAFETY	8.9	.0	.0	8.9	1.5	.4	.0	1.9	10.6
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 8.05: FOOD SERVICE	2.6	.0	.0	2.6	.0	.0	.0	.0	2.6
GRAND TOTAL	480.4	.0	7.0	487.4	70.3	15.7	.0	86.0	573.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

RESEARCH PROGRAM SUMMARY

REGION 1

MASSACHUSETTS

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 2.03: FOREST PROTECTION	.9	.0	.0	.9	1.1	.0	.0	1.1	2.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	1.2	1.2	.0	.0	.0	.0	1.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	1.8	1.8	.6	.0	.0	.6	2.4
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.01: CORN	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 3.06: SOYBEANS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.13: FRUIT	.2	.0	.0	.2	8.0	.0	.0	8.0	8.2
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.9	.0	.0	.9	2.2	.0	.0	2.2	3.1
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.01: BEEF	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.02: DAIRY	.1	.0	.0	.1	3.4	.0	.0	3.4	3.5
RP 4.03: POULTRY	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 4.04: SHEEP	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 8.01: HUMAN NUTRITION	.5	.0	.0	.5	1.3	.0	.0	1.3	1.8
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1
MASSACHUSETTS

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH CCOF INSTS	PCRESTBY SCHOOLS	CSBS/SAES TOTAL	TOTAL
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
GRAND TOTAL	2.6	.0	3.0	5.6	42.1	.0	.0	42.1	47.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1
NEW HAMPSHIRE

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	8.0	8.0	2.7	.0	.0	2.7	10.7
RP 2.03: FOREST PROTECTION	.0	.0	2.0	2.0	.5	.0	.0	.5	2.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	4.0	4.0	.7	.0	.0	.7	4.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	3.0	3.0	.0	.0	.0	.0	3.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.10: TREES, FORESTS & FOREST PRODUCTS--GENERAL	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.06: SOYBEANS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 3.13: FRUIT	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 4.01: BEEF	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.02: DAIRY	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 4.03: POULTRY	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 4.04: SHEEP	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1

NEW HAMPSHIRE

	ABS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	17.0	17.0	27.1	.0	.0	27.1	44.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1

NEW JERSEY

	ARS	BRS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 1.03: RECREATION	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	10.1	.0	.0	10.1	10.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.02: TIMBER MANAGEMENT	.0	.0	.8	.8	1.0	.0	.0	1.0	1.8
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	2.3	2.3	1.3	.0	.0	1.3	3.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.06: SOYBEANS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 3.10: COTTON	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.13: FRUIT	1.1	.0	.0	1.1	7.3	.0	.0	7.3	8.4
RP 3.14: VEGETABLE CROPS	.9	.0	.0	.9	8.6	.0	.0	8.6	9.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	7.3	.0	.0	7.3	7.3
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 4.01: BEEF	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.02: DAIRY	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.03: POULTRY	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 4.04: SHEEP	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.05: SWINE	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

RESEARCH PROGRAM SUMMARY

REGION 1

NEW JERSEY

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	9.0	.0	.0	9.0	9.0
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.1	.0	.0	.1	.1
GRAND TOTAL	2.0	.0	3.0	5.0	96.6	.0	.0	96.6	101.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1

NEW YORK

	ARS	ERS/ACS	FS	USDA TOTAL	NEW YORK ITHACA	NEW YORK GENEVA	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.3	.0	.0	1.3	6.3	.4	.2	6.9	8.1
RP 1.02: WATER & WATERSHEDS	.2	.0	.0	.2	2.2	.0	.1	2.3	2.4
RP 1.03: RECREATION	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 1.04: ENVIRONMENTAL QUALITY	1.0	.0	.0	1.0	7.6	1.1	1.4	10.1	11.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.1	.0	.0	.1	.1	.4	.0	.5	.6
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	4.5	.0	1.0	5.5	5.5
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.0	.3	.3	.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	1.5	1.5	1.5
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	1.3	.0	3.0	4.2	4.2
RP 2.03: FOREST PROTECTION	.3	.0	.0	.3	.9	.0	4.6	5.5	5.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.2	.0	15.9	16.1	16.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	2.0	.0	2.8	4.8	4.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.1	.0	1.0	1.1	1.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	1.6	.0	1.6	3.1	3.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	3.0	3.0	.1	.0	1.7	1.8	4.8
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	1.5	1.5	1.5
RP 2.10: TREES, FORESTS & FOREST PRODUCTS--GENERAL	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	.0	.0	.0	.0	6.7	.0	.0	6.7	6.7
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.03: WHEAT	.2	.0	.0	.2	.8	.0	.0	.8	1.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.05: RICE	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.06: SOYBEANS	3.7	.0	.0	3.7	1.1	.0	.0	1.1	4.8
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	3.4	.0	.0	3.4	6.7	.3	.1	7.0	10.4
RP 3.11: TOBACCO	.7	.0	.0	.7	.0	.0	.0	.0	.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.2	.6	.2	.9	.9
RP 3.13: FRUIT	.0	.0	.0	.0	6.5	33.5	.0	40.0	40.0
RP 3.14: VEGETABLE CROPS	2.3	.0	.0	2.3	20.1	18.3	.2	38.6	40.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.2	.0	.0	.2	6.4	1.8	.0	8.2	8.4
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 3.17: NEEDS IN CROPS	1.5	.0	.0	1.5	.2	.0	.0	.2	1.7
RP 3.18: SEEDS	.0	.0	.0	.0	1.0	1.9	.0	2.9	2.9
RP 3.19: NONSPECIFIC-PLANTS	.9	.0	.0	.9	8.2	.2	.2	8.5	9.4
RP 4.01: BEEF	9.3	.0	.0	9.3	3.7	.0	.0	3.7	13.0
RP 4.02: DAIRY	8.8	.0	.0	8.8	21.0	.0	.0	21.0	29.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						REGION 1		
RESEARCH PROGRAM SUMMARY		NEW YORK								
		ARS	ERS/ACS	FS	USDA TOTAL	NEW YORK ITHACA	NEW YORK GENEVA	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.03:	POULTRY	.4	.0	.0	.4	11.7	.0	.0	11.7	12.1
RP 4.04:	SHEEP	4.0	.0	.0	4.0	1.5	.0	.0	1.5	5.5
RP 4.05:	SWINE	14.1	.0	.0	14.1	1.6	.0	.0	1.6	15.8
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	2.9	.0	.0	2.9	5.3	.0	.0	5.3	8.2
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.8	.0	.1	1.9	1.9
RP 4.08:	NONSPECIFIC-ANIMALS	2.9	.0	.0	2.9	12.2	.0	.5	12.7	15.6
RP 4.09:	INVERTEBRATES	.3	.0	.0	.3	7.4	1.0	.8	9.1	9.4
RP 5.01:	INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	21.7	.0	.0	21.7	21.7
RP 5.02:	LIVING ENVIRONMENT	1.5	.0	.0	1.5	2.4	.0	.0	2.4	3.9
RP 5.03:	COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	19.8	.3	.0	20.1	20.1
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 5.05:	RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	.2	.0	.0	.2	6.4	.0	.0	6.4	6.6
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	5.3	.0	.1	5.3	5.3
RP 6.03:	MARKETING & COMPETITION	.0	.0	.0	.0	8.5	.2	.0	8.7	8.7
RP 7.01:	MANMADE RESOURCES	.0	.0	.0	.0	2.1	.0	2.7	4.8	4.8
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR BRGS	1.8	.0	.0	1.8	28.5	.3	7.5	36.3	38.1
RP 8.01:	HUMAN NUTRITION	1.5	.0	.0	1.5	15.9	.0	.0	15.9	17.4
RP 8.02:	FOOD PROCESSING	.3	.0	.0	.3	3.3	1.2	.0	4.6	4.8
RP 8.03:	FOOD SAFETY	.0	.0	.0	.0	3.0	4.0	.0	7.0	7.0
RP 8.04:	FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.0	.2	.0	.2	.2
RP 8.05:	FOOD SERVICE	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 9.01:	UNCLASSIFIED	.0	.0	.0	.0	.0	.0	4.5	4.5	4.5
GRAND TOTAL		63.6	.0	3.0	66.6	275.0	65.7	53.0	393.7	460.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1
PENNSYLVANIA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	3.3	.0	.0	3.3	2.2	.0	.0	2.2	5.5
RP 1.02: WATER & WATERSHEDS	5.2	.0	.0	5.2	.0	.0	.0	.0	5.2
RP 1.04: ENVIRONMENTAL QUALITY	12.1	.0	.0	12.1	4.2	.0	.0	4.2	16.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	12.3	12.3	.7	.0	.0	.7	13.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	6.9	6.9	2.4	.0	.0	2.4	9.3
RP 2.03: FOREST PROTECTION	.0	.0	3.5	3.5	2.2	.0	.0	2.2	5.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	3.2	3.2	.2	.0	.0	.2	3.4
RP 3.01: CORN	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 3.03: WHEAT	2.5	.0	.0	2.5	1.6	.0	.0	1.6	4.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.4	.0	.0	1.4	.6	.0	.0	.6	2.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.09: FORAGE, RANGE, & PASTURE	6.2	.0	.0	6.2	10.3	.0	.0	10.3	16.5
RP 3.11: TOBACCO	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	2.3	.0	.0	2.3	.0	.0	.0	.0	2.3
RP 3.13: FRUIT	.6	.0	.0	.6	11.9	.0	.0	11.9	12.5
RP 3.14: VEGETABLE CROPS	14.6	.0	.0	14.6	10.2	.0	.0	10.2	24.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	8.1	.0	.0	8.1	8.1
RP 3.16: BEES & OTHER POLLINATING INSECTS	.1	.0	.0	.1	.8	.0	.0	.8	.9
RP 3.17: WEEDS IN CROPS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.18: SEEDS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.19: NONSPECIFIC-PLANTS	1.6	.0	.0	1.6	3.7	.0	.0	3.7	5.3
RP 4.01: BEEF	16.4	.0	.0	16.4	3.4	.0	.0	3.4	19.9
RP 4.02: DAIRY	11.5	.0	.0	11.5	9.5	.0	.0	9.5	21.0
RP 4.03: POULTRY	.0	.0	.0	.0	9.0	.0	.0	9.0	9.0
RP 4.04: SHEEP	1.2	.0	.0	1.2	1.3	.0	.0	1.3	2.5
RP 4.05: SWINE	5.8	.0	.0	5.8	3.2	.0	.0	3.2	9.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	4.6	.0	.0	4.6	.7	.0	.0	.7	5.2
RP 4.08: NONSPECIFIC-ANIMALS	.3	.0	.0	.3	.6	.0	.0	.6	.9
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1
PENNSYLVANIA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	7.5	.0	.0	7.5	7.5
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	7.2	.0	.0	7.2	7.2
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RFGS	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 8.01: HUMAN NUTRITION	1.5	.0	.0	1.5	3.0	.0	.0	3.0	4.5
RP 8.02: FOOD PROCESSING	2.4	.0	.0	2.4	.9	.0	.0	.9	3.3
RP 8.03: FOOD SAFETY	48.9	.0	.0	48.9	1.7	.0	.0	1.7	50.6
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	142.3	.0	25.9	168.2	134.3	.0	.0	134.3	302.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

	REGION 1								
	RHODE ISLAND								
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH CGCE INSTR	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.03: RECREATION	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.13: FRUIT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 4.02: DAIRY	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.03: POULTRY	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	27.5	.0	.0	27.5	27.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1

VERMONT

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 1.03: RECREATION	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	5.2	5.2	.5	.0	1.7	2.2	7.4
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.3	.0	.6	.9	.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	3.0	3.0	1.7	.0	.4	2.1	5.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.0	.7	.7	.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	1.3	1.3	1.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.5	.5	.5
RP 3.01: CORN	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.03: WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 3.13: FRUIT	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.19: RORSPECIFIC-PLANTS	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 4.01: BEEF	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.02: DAIRY	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 4.03: POULTRY	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 4.04: SHEEP	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	8.2	8.2	25.2	.0	5.1	30.3	36.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 1
WEST VIRGINIA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSBS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.1	.0	.0	4.1	1.6	.0	.0	1.6	5.7
RP 1.02: WATER & WATERSHEDS	1.9	.0	.0	1.9	.3	.0	.0	.3	2.2
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	2.4	2.4	2.2	.0	.0	2.2	4.6
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	25.4	25.4	1.3	.0	.0	1.3	26.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	3.1	3.1	.3	.0	.0	.3	3.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	3.0	3.0	.6	.0	.0	.6	3.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.01: CORN	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 3.13: FRUIT	10.6	.0	.0	10.6	5.3	.0	.0	5.3	15.9
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.19: NONSPECIFIC-PLANTS	1.9	.0	.0	1.9	.1	.0	.0	.1	2.0
RP 4.01: BEEF	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 4.02: DAIRY	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 4.03: POULTRY	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 4.04: SHEEP	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.05: SWINE	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPPGS	.0	.0	.0	.0	.1	.0	.0	.1	.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						REGION 1	
RESEARCH PROGRAM SUMMARY		WEST VIRGINIA							
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTIT	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 8.01: HUMAN NUTRITION	.2	.0	.0	.2	.0	.0	.0	.0	.2
GRAND TOTAL	19.6	.0	33.9	53.5	36.6	.0	.0	36.6	90.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2

ALABAMA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	ALABAMA TUSKEGEE	ALABAMA MORRIS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	5.0	.0	.0	5.0	2.9	.4	.1	3.4	6.4
RP 1.02: WATER & WATERSHEDS	.4	.0	.0	.4	2.1	.0	.1	2.1	2.5
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	7.2	.1	.0	7.2	7.2
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.0	.2	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	1.8	.0	.1	1.9	1.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	3.0	3.0	5.5	.0	.5	6.0	9.0
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	3.0	3.0	5.0	.0	.0	5.0	6.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.01: CORN	.3	.0	.0	.3	2.0	.0	.0	2.0	2.2
RP 3.02: GRAIN SORGHUM	.2	.0	.0	.2	.9	.0	.0	.9	1.1
RP 3.03: WHEAT	.2	.0	.0	.2	1.0	.0	.0	1.0	1.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.6	.0	.6	1.2	1.2
RP 3.06: SOYBEANS	.0	.0	.0	.0	10.1	.0	.6	10.7	10.7
RP 3.07: PEANUTS	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	7.4	.8	.0	8.1	6.1
RP 3.10: COTTON	2.0	.0	.0	2.0	3.9	.0	.0	3.9	5.9
RP 3.13: FRUIT	.0	.0	.0	.0	6.1	2.1	.0	8.2	8.2
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	6.5	3.9	.0	10.4	10.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.17: WEEDS IN CROPS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.19: NONSPECIFIC-PLANTS	3.3	.0	.0	3.3	3.1	.0	.0	3.1	6.4
RP 4.01: BEEF	1.4	.0	.0	1.4	13.9	1.0	.2	15.0	16.4
RP 4.02: DAIRY	1.4	.0	.0	1.4	4.3	.9	.0	5.1	6.5
RP 4.03: POULTRY	.0	.0	.0	.0	7.1	3.1	.0	10.2	10.2
RP 4.04: SHEEP	.3	.0	.0	.3	.0	.0	.2	.2	.5
RP 4.05: SWINE	.6	.0	.0	.6	9.9	3.0	.0	12.9	13.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.4	.0	.3	.7	.7
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 4.08: NONSPECIFIC-ANIMALS	1.1	.0	.0	1.1	.3	.3	.0	.6	1.7
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	1.0	.9	.1	1.9	1.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

	REGION 2								
	ALABAMA								
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	ALABAMA TUSKEGEE	ALABAMA MORRIS	CSRS/SAES TOTAL	TOTAL
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	1.1	.0	.1	1.2	1.2
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	1.6	1.2	.4	3.2	3.2
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.0	.0	.0	1.0	2.2	.5	.0	2.7	3.6
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	1.0	.3	.0	1.3	1.3
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	2.3	.7	.1	3.1	3.1
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	2.5	.3	.0	2.7	2.7
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	17.0	.0	6.0	23.0	133.8	19.1	3.5	156.4	179.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2

ARKANSAS

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	2.3	.8	.0	3.1	3.1
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	5.3	.0	.0	5.3	5.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.4	.0	.4	.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.02: TIMBER MANAGEMENT	.0	.0	5.8	5.8	5.2	.0	.0	5.2	11.0
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	1.2	1.2	1.4	.0	.0	1.4	2.6
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.10: TREES, FORESTS & FOREST PRODUCTS--GENERAL	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.11: FOREST & RANGE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	1.0	.1	.0	1.1	1.1
RP 3.03: WHEAT	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.05: RICE	1.7	.0	.0	1.7	4.8	.0	.0	4.8	6.5
RP 3.06: SOYBEANS	.2	.0	.0	.2	15.2	1.1	.0	16.3	16.5
RP 3.07: PEANUTS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.09: FORAGE, RANGE, & PASTURE	.8	.0	.0	.8	2.6	.0	.0	2.6	3.4
RP 3.10: COTTON	.0	.0	.0	.0	9.7	.5	.0	10.2	10.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.4	.3	.0	.7	.7
RP 3.13: FRUIT	1.2	.0	.0	1.2	4.6	.0	.0	4.6	5.8
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	6.4	1.0	.0	7.4	7.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.01: BEEF	.0	.0	.0	.0	7.4	.0	.0	7.4	7.4
RP 4.02: DAIRY	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 4.03: POULTRY	.0	.0	.0	.0	9.1	.8	.0	9.9	9.9
RP 4.04: SHEEP	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 4.05: SWINE	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.5	.9	.0	2.4	2.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.1	1.4	.0	1.5	1.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2

ARKANSAS

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	1.6	1.0	.0	2.6	2.6
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	1.0	.8	.0	1.8	1.8
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	1.9	.4	.0	2.3	2.3
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	3.2	.5	.0	3.7	3.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.0	.1	.0	2.1	2.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.6	.1	.0	2.7	2.7
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	2.5	.9	.0	3.4	3.4
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.0	.4	.0	.4	.4
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	3.9	.0	7.0	10.9	115.3	11.5	.0	126.8	137.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

REGION 2

RESEARCH PROGRAM SUMMARY

FLORIDA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.2	.0	.0	1.2	12.3	.2	.0	12.5	13.7
RP 1.02: WATER & WATERSHEDS	5.6	.0	.0	5.6	6.8	.2	.0	7.0	12.6
RP 1.03: RECREATION	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 1.04: ENVIRONMENTAL QUALITY	.1	.0	.0	.1	19.5	7.6	.0	27.1	27.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 1.08: AQUATIC WEEDS	.8	.0	.0	.8	.3	.0	.0	.3	1.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	11.1	11.1	6.8	.0	.0	6.8	17.9
RP 2.03: FOREST PROTECTION	.0	.0	3.0	3.0	5.9	.0	.0	5.9	8.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.8	.8	2.9	.0	.0	2.9	3.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.10: TREES, FORESTS & FOREST PRODUCTS--GENERAL	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	1.9	.0	.0	1.9	5.9	.0	.0	5.9	7.8
RP 3.02: GRAIN SORGHUM	.8	.0	.0	.8	1.5	.0	.0	1.5	2.4
RP 3.03: WHEAT	1.2	.0	.0	1.2	1.3	.0	.0	1.3	2.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.5	.0	.0	.5	1.4	.0	.0	1.4	1.9
RP 3.05: RICE	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.06: SOYBEANS	2.5	.0	.0	2.5	11.1	.0	.0	11.1	13.7
RP 3.07: PEANUTS	.7	.0	.0	.7	6.9	1.0	.0	7.9	8.6
RP 3.08: SUGAR	6.0	.0	.0	6.0	2.9	.0	.0	2.9	6.9
RP 3.09: FORAGE, RANGE, & PASTURE	2.9	.0	.0	2.9	22.5	.0	.0	22.5	25.4
RP 3.10: COTTON	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.11: TOBACCO	.2	.0	.0	.2	1.9	.0	.0	1.9	2.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.3	.0	.0	.3	.5	.0	.0	.5	.7
RP 3.13: FRUIT	34.1	.0	.0	34.1	63.0	.0	.0	63.0	97.1
RP 3.14: VEGETABLE CROPS	3.6	.0	.0	3.6	45.6	.0	.0	45.6	49.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.8	.0	.0	.8	33.5	.0	.0	33.5	34.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 3.17: WEEDS IN CROPS	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 3.18: SEEDS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.19: NONSPECIFIC-PLANTS	.2	.0	.0	.2	6.3	.0	.0	6.3	6.5
RP 4.01: BEEF	1.0	.0	.0	1.0	19.4	.8	.0	20.2	21.2
RP 4.02: DAIRY	.0	.0	.0	.0	11.8	.0	.0	11.8	11.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2

FLORIDA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.03: POULTRY	.2	.0	.0	.2	6.6	.0	.0	6.6	6.8
RP 4.04: SHEEP	.2	.0	.0	.2	1.7	.0	.0	1.7	1.9
RP 4.05: SWINE	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	5.3	.0	.0	5.3	5.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.5	.5	.0	2.0	2.0
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 4.09: INVERTEBRATES	18.1	.0	.0	18.1	5.3	.0	.0	5.3	23.4
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	6.9	.3	.0	7.2	7.2
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	20.5	.0	.0	20.5	.0	.0	.0	.0	20.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.0	.0	.0	1.0	.4	.0	.0	.4	1.4
RP 6.03: MARKETING & COMPETITION	3.0	.0	.0	3.0	12.6	.0	.0	12.6	15.5
RP 7.01: HANMADE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC CORN RESOURCES OR RPGS	.0	.0	.0	.0	12.2	.0	.0	12.2	12.2
RP 8.01: HUMAN NUTRITION	1.0	.0	.0	1.0	3.1	4.0	.0	7.1	8.1
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 8.03: FOOD SAFETY	1.0	.0	.0	1.0	5.8	.0	.0	5.8	6.8
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	109.6	.0	14.9	124.5	382.1	14.6	.0	396.7	521.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2

GEORGIA

	ARS	EBS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.7	.0	.0	4.7	7.3	.0	.0	7.3	12.0
RP 1.02: WATER & WATERSHEDS	4.8	.0	.0	4.8	2.5	.0	.0	2.5	7.3
RP 1.04: ENVIRONMENTAL QUALITY	6.7	.0	.0	6.7	2.7	.5	.0	3.2	9.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.2	.0	.2	.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	13.9	13.9	8.4	.0	.0	8.4	22.3
RP 2.03: FOREST PROTECTION	.0	.0	19.3	19.3	1.5	.0	.0	1.5	20.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	7.5	7.5	5.8	.0	.0	5.8	13.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	5.3	5.3	.4	.0	.0	.4	5.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	2.5	2.5	.0	.0	.0	.0	2.5
RP 3.01: CORN	9.0	.0	.0	9.0	6.5	.0	.0	6.5	15.4
RP 3.02: GRAIN SORGHUM	2.2	.0	.0	2.2	2.6	.0	.0	2.6	4.8
RP 3.03: WHEAT	.7	.0	.0	.7	2.6	.0	.0	2.6	3.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.4	.0	.0	.4	2.8	.0	.0	2.8	3.2
RP 3.05: RICE	.3	.0	.0	.3	.0	.0	.0	.0	.3
RP 3.06: SOYBEANS	2.9	.0	.0	2.9	9.4	1.8	.0	11.2	14.1
RP 3.07: PEANUTS	8.5	.0	.0	8.5	3.6	.0	.0	3.6	12.1
RP 3.08: SUGAR	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.09: FORAGE, RANGE, & PASTURE	14.9	.0	.0	14.9	7.4	.0	.0	7.4	22.3
RP 3.10: COTTON	2.8	.0	.0	2.8	2.4	.0	.0	2.4	5.1
RP 3.11: TOBACCO	6.9	.0	.0	6.9	2.6	.0	.0	2.6	9.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	3.4	.0	.0	3.4	.1	.0	.0	.1	3.5
RP 3.13: FRUIT	21.7	.0	.0	21.7	15.6	.9	.0	16.5	38.1
RP 3.14: VEGETABLE CROPS	8.3	.0	.0	8.3	17.7	1.3	.0	19.0	27.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	1.7	.0	.0	1.7	7.6	.0	.0	7.6	9.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	.5	.0	.0	.5	.6	.0	.0	.6	1.1
RP 3.19: NONSPECIFIC-PLANTS	21.7	.0	.0	21.7	6.2	.0	.0	6.2	27.9
RP 4.01: BEEF	1.9	.0	.0	1.9	9.4	1.0	.0	10.4	12.3
RP 4.02: DAIRY	.3	.0	.0	.3	5.3	.0	.0	5.3	5.6
RP 4.03: POULTRY	14.5	.0	.0	14.5	9.6	.6	.0	10.2	24.7
RP 4.04: SHEEP	1.7	.0	.0	1.7	.1	.2	.0	.2	1.9
RP 4.05: SWINE	4.3	.0	.0	4.3	3.9	.0	.0	3.9	8.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.3	.0	.0	.3	.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2

GEORGIA

	ABS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.09: INVERTEBRATES	1.3	.0	.0	1.3	.2	.0	.0	.2	1.5
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 5.02: LIVING ENVIRONMENT	.0	.0	2.5	2.5	.7	.0	.0	.7	3.2
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	1.0	.8	.0	1.8	1.8
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.9	4.2	.0	5.1	5.0	.9	.0	5.9	11.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.7	.0	.0	.7	.4	.0	.0	.4	1.2
RP 6.03: MARKETING & COMPETITION	3.7	.0	.0	3.7	7.0	.7	.0	7.7	11.4
RP 7.01: MANMADE RESOURCES	1.3	.0	.0	1.3	.6	.0	.0	.6	1.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	.9	.1	.0	1.0	1.0
RP 8.01: HUMAN NUTRITION	2.1	.0	.0	2.1	4.0	.0	.0	4.0	6.1
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 8.03: FOOD SAFETY	17.4	.0	.0	17.4	4.1	.0	.0	4.1	21.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 8.05: FOOD SERVICE	.2	.0	.0	.2	.2	.0	.0	.2	.4
RP 9.01: UNCLASSIFIED	.5	.0	.0	.5	1.7	.0	.0	1.7	2.2
GRAND TOTAL	173.5	4.2	50.9	228.6	177.5	9.0	.0	186.5	415.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

RESEARCH PROGRAM SUMMARY

REGION 2

KENTUCKY

	ABS	ERS/ACS	FS	USDA TOTAL	S&BS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/S&BS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
PP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	11.3	11.3	3.3	.0	.0	3.3	14.6
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.11: FOREST & RANGE RESOURCES	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.01: CORN	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.05: RICE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
RP 3.09: FORAGE, RANGE, & PASTURE	3.0	.0	.0	3.0	6.1	.0	.0	6.1	9.1
RP 3.10: COTTON	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.11: TOBACCO	8.0	.0	.0	8.0	5.9	.0	.0	5.9	13.9
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.13: FRUIT	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	6.4	.0	.0	6.4	6.4
PP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.2	.0	.0	.2	3.0	.0	.0	3.0	3.2
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	5.3	.0	.0	5.3	5.3
RP 4.01: BEEF	.0	.0	.0	.0	8.8	.0	.0	8.8	8.8
RP 4.02: DAIRY	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 4.03: POULTRY	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.04: SHEEP	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 4.05: SWINE	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	9.9	.0	.0	9.9	9.9
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	2.1	1.2	.0	3.3	3.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2

KENTUCKY

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	5.7	3.8	.0	9.5	9.5
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	5.7	.0	.0	5.7	5.7
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	3.0	7.6	.0	10.6	10.6
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	11.2	.0	11.3	22.5	114.7	12.6	.0	127.3	149.6

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2

LOUISIANA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.4	.0	.0	.4	8.1	.0	.0	8.1	8.5
RP 1.02: WATER & WATERSHEDS	.2	.0	.0	.2	.3	.0	.0	.3	.6
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	2.9	.0	.0	2.9	4.0	.0	.0	4.0	6.9
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	5.0	5.0	.6	.0	.0	.6	5.6
RP 2.02: TIMBER MANAGEMENT	.0	.0	9.9	9.9	5.2	.0	.5	5.7	15.6
RP 2.03: FOREST PROTECTION	.0	.0	5.0	5.0	1.5	.0	.6	2.1	7.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	12.0	12.0	2.4	.0	.6	3.0	15.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	3.0	3.0	.3	.0	.3	.6	3.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.9	.0	.3	1.2	1.2
RP 2.11: FOREST & RANGE RESOURCES	.0	.0	.0	.0	.0	.0	.1	.1	.1
RP 3.01: CORN	.2	.0	.0	.2	2.4	.0	.0	2.4	2.6
RP 3.02: GRAIN SORGHUM	2.6	.0	.0	2.6	2.1	.0	.0	2.1	4.7
RP 3.03: WHEAT	.1	.0	.0	.1	1.6	.0	.0	1.6	1.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.05: RICE	6.5	.0	.0	6.5	13.6	.0	.0	13.6	20.1
RP 3.06: SOYBEANS	1.0	.0	.0	1.0	16.1	1.3	.0	17.4	18.3
RP 3.07: PEANUTS	11.2	.0	.0	11.2	.0	.0	.0	.0	11.2
RP 3.08: SUGAR	11.0	.0	.0	11.0	10.6	.0	.0	10.6	21.6
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	15.4	.0	.0	15.4	15.4
RP 3.10: COTTON	73.1	.0	.0	73.1	13.7	.0	.0	13.7	86.8
RP 3.13: FRUIT	.0	.0	.0	.0	8.3	.0	.0	8.3	8.3
RP 3.14: VEGETABLE CROPS	.6	.0	.0	.6	16.2	.8	.0	17.0	17.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	6.6	.0	.0	6.6	6.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	7.0	.0	.0	7.0	.0	.0	.0	.0	7.0
RP 3.17: WEEDS IN CROPS	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.18: SEEDS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.19: NONSPECIFIC-PLANTS	4.6	.0	.0	4.6	1.5	.0	.0	1.5	6.1
RP 4.01: BEEF	1.2	.0	.0	1.2	19.0	.7	.0	19.7	20.9
RP 4.02: DAIRY	.1	.0	.0	.1	12.8	.7	.0	13.5	13.6
RP 4.03: POULTRY	.3	.0	.0	.3	5.1	.6	.0	5.7	6.0
RP 4.04: SHEEP	2.7	.0	.0	2.7	.4	.0	.0	.4	3.1
RP 4.05: SWINE	.0	.0	.0	.0	1.7	.8	.0	2.5	2.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

REGION 2

RESEARCH PROGRAM SUMMARY

LOUISIANA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	1.0	.0	.0	1.0	7.3	.0	.0	7.3	8.3
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	3.0	.7	.0	3.7	3.7
RP 5.02: LIVING ENVIRONMENT	.6	.0	.0	.6	2.4	.0	.0	2.4	3.0
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	2.1	.0	.0	2.1	4.2	2.2	.0	6.4	8.5
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	1.7	.0	.0	1.7	.8	.0	.0	.8	2.5
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	4.5	.0	.3	4.8	4.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	4.8	.2	.0	5.0	5.0
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	.5	1.0	.0	1.5	1.5
RP 8.02: FOOD PROCESSING	1.2	.0	.0	1.2	.1	.0	.0	.1	1.3
RP 8.03: FOOD SAFETY	13.4	.0	.0	13.4	1.3	.0	.0	1.3	14.6
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	146.0	.0	34.9	180.9	213.7	9.0	2.7	225.4	406.3

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2
MISSISSIPPI

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	3.4	.0	.0	3.4	3.5	.1	.0	3.6	6.9
RP 1.02: WATER & WATERSHEDS	16.1	.0	.0	16.1	1.0	.0	.0	1.0	17.1
RP 1.04: ENVIRONMENTAL QUALITY	1.8	.0	.0	1.8	1.7	1.4	.0	3.1	4.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.06: FISH & WILDLIFE	.3	.0	.0	.3	2.1	.0	.0	2.1	2.3
RP 1.07: REMOTE SENSING	.6	.0	.0	.6	.0	.0	.0	.0	.6
RP 1.08: AQUATIC WEEDS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	17.0	17.0	5.0	.0	.0	5.0	22.0
RP 2.03: FOREST PROTECTION	.0	.0	13.0	13.0	3.6	.0	.0	3.6	16.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	12.6	.0	.0	12.6	12.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	4.0	4.0	.1	.0	.0	.1	4.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	6.6	.0	.0	6.6	3.0	.0	.0	3.0	9.6
RP 3.02: GRAIN SORGHUM	.5	.0	.0	.5	2.5	.0	.0	2.5	3.0
RP 3.03: WHEAT	.7	.0	.0	.7	.4	.0	.0	.4	1.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.05: RICE	.4	.0	.0	.4	4.7	.0	.0	4.7	5.1
RP 3.06: SOYBEANS	16.2	.0	.0	16.2	12.8	.1	.0	12.9	29.1
RP 3.07: PEANUTS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.08: SUGAR	3.2	.0	.0	3.2	.1	.0	.0	.1	3.3
RP 3.09: FORAGE, RANGE, & PASTURE	3.5	.0	.0	3.5	11.2	.5	.0	11.6	15.2
RP 3.10: COTTON	40.0	.0	.0	40.0	23.4	.0	.0	23.4	63.4
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.2	.0	.0	.2	.1	.0	.0	.1	.4
RP 3.13: FRUIT	2.4	.0	.0	2.4	7.5	.0	.0	7.5	9.8
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	7.9	.7	.0	8.6	8.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RP 3.17: WEEDS IN CROPS	4.2	.0	.0	4.2	.1	.5	.0	.6	4.8
RP 3.18: SEEDS	.7	.0	.0	.7	.9	.0	.0	.9	1.6
RP 3.19: NONSPECIFIC-PLANTS	.5	.0	.0	.5	1.3	.0	.0	1.3	1.8
RP 4.01: BEEF	.0	.0	.0	.0	9.9	1.1	.0	10.9	10.9
RP 4.02: DAIRY	.0	.0	.0	.0	11.1	.0	.0	11.1	11.1
RP 4.03: POULTRY	4.3	.0	.0	4.3	10.1	.0	.0	10.1	14.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2

MISSISSIPPI

	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.04: SHEEP	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.05: SWINE	.0	.0	.0	.0	7.2	.0	.0	7.2	7.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	5.4	.1	.0	5.5	5.5
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	1.4	.2	.0	1.6	1.6
RP 4.09: INVERTEBRATES	.2	.0	.0	.2	.1	.2	.0	.3	.6
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	2.0	1.5	.0	3.5	3.5
RP 5.02: LIVING ENVIRONMENT	.0	.0	3.0	3.0	.3	.0	.0	.3	3.3
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	3.0	1.6	.0	4.6	4.6
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	2.5	.0	.0	2.5	1.6	.0	.0	1.6	4.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	3.0	.6	.0	3.6	3.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.03: MARKETING & COMPETITION	1.5	.0	.0	1.5	5.4	.0	.0	5.4	6.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	2.0	1.6	.0	3.6	3.6
RP 8.03: FOOD SAFETY	1.1	.0	.0	1.1	.4	.0	.0	.4	1.5
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	111.1	.0	37.0	148.1	179.9	10.2	.0	190.1	338.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2
NORTH CAROLINA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	6.8	3.5	.0	10.3	10.3
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 1.03: RECREATION	.0	.0	.0	.0	.5	1.0	.0	1.5	1.5
RP 1.04: ENVIRONMENTAL QUALITY	5.0	.0	.0	5.0	8.2	1.8	.0	10.0	15.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	2.5	.6	.0	3.0	3.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	10.0	10.0	.4	.0	.0	.4	10.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	9.6	9.6	8.5	.0	.0	8.5	18.1
RP 2.03: FOREST PROTECTION	.0	.0	7.0	7.0	3.9	.0	.0	3.9	10.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	4.0	4.0	4.8	.0	.0	4.8	8.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	4.0	4.0	.8	.0	.0	.8	4.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	1.0	1.0	.4	.0	.0	.4	1.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.8	.8	.0	.0	.0	.0	.8
RP 2.11: FOREST & RANGE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	2.6	.0	.0	2.6	10.6	.0	.0	10.6	13.2
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.03: WHEAT	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 3.06: SOYBEANS	5.2	.0	.0	5.2	10.8	.0	.0	10.8	15.9
RP 3.07: PEANUTS	2.0	.0	.0	2.0	6.2	.0	.0	6.2	8.2
RP 3.09: FORAGE, RANGE, & PASTURE	4.0	.0	.0	4.0	5.6	.5	.0	6.1	10.1
RP 3.10: COTTON	4.0	.0	.0	4.0	3.8	.0	.0	3.8	7.8
RP 3.11: TOBACCO	9.3	.0	.0	9.3	23.6	1.3	.0	24.9	34.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.13: FRUIT	.0	.0	.0	.0	15.0	.0	.0	15.0	15.0
RP 3.14: VEGETABLE CROPS	3.9	.0	.0	3.9	16.6	.0	.0	16.6	20.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	9.0	.0	.0	9.0	9.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.17: WEEDS IN CROPS	.3	.0	.0	.3	.7	.0	.0	.7	1.0
RP 3.18: SEEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.19: NONSPECIFIC-PLANTS	1.8	.0	.0	1.8	7.3	1.3	.0	8.6	10.4
RP 4.01: BEEF	.3	.0	.0	.3	7.1	2.0	.0	9.1	9.4
RP 4.02: DAIRY	.2	.0	.0	.2	10.4	1.0	.0	11.4	11.6
RP 4.03: POULTRY	.0	.0	.0	.0	14.6	1.5	.0	16.1	16.1
RP 4.04: SHEEP	.0	.0	.0	.0	.5	3.2	.0	3.7	3.7
RP 4.05: SWINE	.0	.0	.0	.0	8.8	1.0	.0	9.8	9.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2
NORTH CAROLINA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTR	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.8	.2	.0	2.0	2.0
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	7.6	.0	.0	7.6	7.6
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	3.6	1.2	.0	4.8	4.8
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	1.0	4.5	.0	5.4	5.4
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	4.2	3.6	.0	7.7	7.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	1.6	.8	.0	2.4	2.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.03: MARKETING & COMPETITION	.9	.0	.0	.9	5.6	.6	.0	6.2	7.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	3.1	.0	.0	3.1	7.3	.0	.0	7.3	10.4
RP 8.01: HUMAN NUTRITION	.2	.0	.0	.2	3.3	1.8	.0	5.1	5.3
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 8.03: FOOD SAFETY	2.0	.0	.0	2.0	2.8	.0	.0	2.8	4.8
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	44.6	.0	36.4	81.0	242.1	31.1	.0	273.2	354.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2

OKLAHOMA

	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INISTS	FORESTRI SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.0	.0	.0	1.0	4.4	.0	.0	4.4	5.4
RP 1.02: WATER & WATERSHEDS	12.0	.0	.0	12.0	3.1	.0	.0	3.1	15.1
RP 1.03: RECREATION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.04: ENVIRONMENTAL QUALITY	6.8	.0	.0	6.8	.4	1.8	.0	2.2	9.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.07: REMOTE SENSING	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.01: CORN	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 3.02: GRAIN SORGHUM	.8	.0	.0	.8	2.8	.0	.0	2.8	3.6
RP 3.03: WHEAT	4.8	.0	.0	4.8	8.2	.0	.0	8.2	13.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.3	.0	.0	.3	1.6	.0	.0	1.6	1.9
RP 3.06: SOYBEANS	.0	.0	.0	.0	1.2	1.0	.0	2.2	2.2
RP 3.07: PEANUTS	3.0	.0	.0	3.0	2.2	.3	.0	2.5	5.5
RP 3.09: FORAGE, RANGE, & PASTURE	5.7	.0	.0	5.7	10.3	.0	.0	10.3	16.0
RP 3.10: COTTON	.0	.0	.0	.0	4.8	1.1	.0	5.9	5.9
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.13: FRUIT	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.9	1.0	.0	1.9	1.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	.5	.0	.0	.5	.0	.0	.0	.0	.5
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	2.4	.2	.0	2.6	2.6
RP 4.01: BEEF	6.8	.0	.0	6.8	10.9	.0	.0	10.9	17.7
RP 4.02: DAIRY	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 4.04: SHEEP	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.05: SWINE	4.0	.0	.0	4.0	3.0	.0	.0	3.0	7.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.1	.0	.0	.1	.3	.0	.0	.3	.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	.0	.6	.0	.6	.6
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.3	.3	.0	.6	.6

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2
OKLAHOMA

	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	1.5	.3	.0	1.8	1.8
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	6.7	.0	.0	6.7	6.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	6.7	.0	.0	6.7	6.7
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COHN RESOURCES OR RPSGS	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	2.1	2.9	.0	5.0	5.0
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	46.1	.0	.0	46.1	98.0	9.5	.0	107.5	153.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2
SOUTH CAROLINA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	2.4	.0	.0	2.4	1.4	.6	.0	2.0	4.4
RP 1.02: WATER & WATERSHEDS	2.1	.0	.0	2.1	1.1	.0	.0	1.1	3.2
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.2	.8	.0	2.0	2.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.2	.0	.0	.2	.2	.0	.4	.6	.8
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.7	.0	.1	.8	.8
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.2	.2	.2
RP 2.02: TIMBER MANAGEMENT	.0	.0	6.6	6.6	.0	.0	5.7	5.8	12.4
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.0	1.5	1.5	1.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.0	1.9	1.9	1.9
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	1.3	1.3	1.3
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	4.0	4.0	.0	.0	.7	.7	4.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.2	.0	.5	.7	.7
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.5	.5	.5
RP 3.01: CORN	.0	.0	.0	.0	3.0	.3	.0	3.3	3.3
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.06: SOYBEANS	.9	.0	.0	.9	9.0	1.1	.0	10.1	10.9
RP 3.07: PEANUTS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.09: FORAGE, RANGE, & PASTURE	.3	.0	.0	.3	2.3	.0	.0	2.3	2.6
RP 3.10: COTTON	12.2	.0	.0	12.2	1.9	.0	.0	1.9	14.1
RP 3.11: TOBACCO	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 3.13: FRUIT	.0	.0	.0	.0	8.8	.0	.0	8.8	8.8
RP 3.14: VEGETABLE CROPS	12.1	.0	.0	12.1	8.0	.1	.0	8.1	20.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 3.17: WEEDS IN CROPS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.19: NONSPECIFIC-PLANTS	.5	.0	.0	.5	1.5	.0	.0	1.5	1.9
RP 4.01: BEEF	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 4.02: DAIRY	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 4.03: POULTRY	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 4.04: SHEEP	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.05: SWINE	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.1	.0	.0	.1	.1

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2
SOUTH CAROLINA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	.2	1.3	.0	1.5	1.5
RP 5.02: LIVING ENVIRONMENT	4.0	.0	.0	4.0	.1	.0	.0	.1	4.1
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.8	.0	.0	.8	2.1	2.8	.0	4.9	5.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	4.2	.6	.0	4.8	4.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.03: MARKETING & COMPETITION	.5	.0	.0	.5	3.3	.0	.0	3.3	3.8
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RFGS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	1.0	.9	.0	1.9	1.9
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	1.3	.6	.0	1.9	1.9
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
GRAND TOTAL	35.9	.0	10.6	46.5	80.3	9.1	12.8	102.2	148.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2
TENNESSEE

	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.04: ENVIRONMENTAL QUALITY	.9	.0	.0	.9	2.3	.0	.0	2.3	3.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	3.0	3.0	3.7	.0	.0	3.7	6.7
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.01: CORN	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.03: WHEAT	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.06: SOYBEANS	1.0	.0	.0	1.0	7.4	3.7	.0	11.1	12.1
RP 3.07: PEANUTS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.08: SUGAR	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.09: FORAGE, RANGE, & PASTURE	.2	.0	.0	.2	7.1	.8	.0	7.9	8.1
RP 3.10: COTTON	1.0	.0	.0	1.0	6.0	.0	.0	6.0	7.0
RP 3.11: TOBACCO	.3	.0	.0	.3	3.3	.0	.0	3.3	3.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.13: FRUIT	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	4.3	1.1	.0	5.4	5.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	5.7	.0	.0	5.7	5.7
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.01: BEEF	.6	.0	.0	.6	16.1	.8	.0	16.9	17.5
RP 4.02: DAIRY	1.4	.0	.0	1.4	6.7	.0	.0	6.7	8.2
RP 4.03: POULTRY	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 4.04: SHEEP	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.05: SWINE	.0	.0	.0	.0	9.0	.0	.0	9.0	9.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.3	.0	.0	.3	.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2

TENNESSEE

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	3.1	.2	.0	3.4	3.4
RP 5.02: LIVING ENVIRONMENT	2.0	.0	.0	2.0	.8	.0	.0	.8	2.8
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	.6	5.5	.0	6.1	6.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	3.3	2.0	.0	5.3	5.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	.9	.5	.0	1.4	1.4
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	3.2	1.7	.0	4.9	4.9
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	1.6	.2	.0	1.8	1.8
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.5	.0	.0	.5	.5
GRAND TOTAL	7.4	.0	3.0	10.4	118.8	16.5	.0	135.3	145.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2

TEXAS

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.8	.0	.0	4.8	10.4	.2	.0	10.6	15.4
RP 1.02: WATER & WATERSHEDS	11.2	.0	.0	11.2	14.4	.0	.5	14.8	26.1
RP 1.03: RECREATION	.0	.0	.0	.0	5.9	.0	.0	5.9	5.9
RP 1.04: ENVIRONMENTAL QUALITY	1.0	.0	.0	1.0	11.5	3.5	.0	15.1	16.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.2	.0	.0	.2	.6	.0	.0	.6	.7
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RP 1.07: REMOTE SENSING	7.1	.0	.0	7.1	.1	.0	.0	.1	7.2
RP 1.08: AQUATIC WEEDS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.6	.0	.1	.7	.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	2.3	.0	.5	2.8	2.8
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	2.1	.0	.3	2.4	2.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	2.2	.0	.6	2.8	2.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.4	.0	1.1	1.5	1.5
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	6.0	6.0	.3	.0	.5	.7	6.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.3	.0	1.5	1.8	1.8
RP 2.09: TECHNICAL ASSISTANCE	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.01: CORN	2.5	.0	.0	2.5	4.6	.0	.0	4.6	7.1
RP 3.02: GRAIN SORGHUM	3.7	.0	.0	3.7	20.8	.0	.0	20.8	24.5
RP 3.03: WHEAT	.9	.0	.0	.9	8.4	.0	.0	8.4	9.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.2	.0	.0	.2	2.5	.0	.0	2.5	2.7
RP 3.05: RICE	5.0	.0	.0	5.0	6.1	.0	.0	6.1	11.1
RP 3.06: SOYBEANS	.7	.0	.0	.7	7.0	.3	.0	7.3	8.0
RP 3.07: PEANUTS	.0	.0	.0	.0	9.4	.0	.0	9.4	9.4
RP 3.08: SUGAR	3.7	.0	.0	3.7	4.3	.0	.0	4.3	8.1
RP 3.09: FORAGE, RANGE, & PASTURE	13.0	.0	.0	13.0	31.7	.9	.0	32.6	45.6
RP 3.10: COTTON	25.2	.0	.0	25.2	29.3	.0	.0	29.3	54.5
RP 3.11: TOBACCO	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	4.3	.0	.0	4.3	1.9	.0	.0	1.9	6.2
RP 3.13: FRUIT	11.0	.0	.0	11.0	18.5	.0	.0	18.5	29.5
RP 3.14: VEGETABLE CROPS	4.8	.0	.0	4.8	17.9	.0	.0	17.9	22.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.2	.0	.0	.2	11.3	.0	.0	11.3	11.5
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.18: SEEDS	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.19: NONSPECIFIC-PLANTS	9.7	.0	.0	9.7	7.1	1.0	.0	8.1	17.8
RP 4.01: BEEF	33.7	.0	.0	33.7	28.1	.0	.0	28.1	61.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

	REGION 2								
	TEXAS								
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.02: DAIRY	2.2	.0	.0	2.2	7.3	.0	.0	7.3	9.5
RP 4.03: POULTRY	1.2	.0	.0	1.2	9.2	.0	.0	9.2	10.4
RP 4.04: SHEEP	1.0	.0	.0	1.0	5.2	.0	.0	5.2	6.1
RP 4.05: SWINE	.5	.0	.0	.5	1.9	1.0	.0	2.9	3.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	6.2	10.5	.0	16.7	16.7
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	7.7	.0	.0	7.7	7.7
RP 4.08: NONSPECIFIC-ANIMALS	12.8	.0	.0	12.8	1.7	.0	.0	1.7	14.6
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	2.0	.4	.0	2.4	2.4
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	3.7	.8	.0	4.5	4.5
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	6.7	.9	.0	7.6	7.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.03: MARKETING & COMPETITION	5.6	.0	.0	5.6	10.2	.0	.0	10.2	15.7
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RFGS	1.3	.0	.0	1.3	4.3	.0	.0	4.3	5.6
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 8.03: FOOD SAFETY	.8	.0	.0	.8	3.1	2.6	.0	5.7	6.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	168.7	.0	6.0	174.7	342.4	22.0	5.0	369.4	544.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2
VIRGINIA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.5	.0	.0	.5	5.4	.0	.0	5.4	5.9
RP 1.02: WATER & WATERSHEDS	1.4	.0	.0	1.4	.2	.0	.0	.2	1.6
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	3.7	.8	.0	4.5	4.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 3.03: WHEAT	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.06: SOYBEANS	.0	.0	.0	.0	5.3	.6	.0	5.9	5.9
RP 3.07: PEANUTS	4.0	.0	.0	4.0	3.6	.0	.0	3.6	7.6
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	6.4	.6	.0	7.0	7.0
RP 3.10: COTTON	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.11: TOBACCO	2.0	.0	.0	2.0	6.4	.0	.0	6.4	8.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.13: FRUIT	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	1.7	2.0	.0	3.7	3.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RP 3.17: WEEDS IN CROPS	.5	.0	.0	.5	.2	.0	.0	.2	.7
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	4.7	.1	.0	4.8	4.8
RP 4.01: BEEF	.0	.0	.0	.0	13.6	.3	.0	13.9	13.9
RP 4.02: DAIRY	.0	.0	.0	.0	10.6	.0	.0	10.6	10.6
RP 4.03: POULTRY	.0	.0	.0	.0	8.4	.4	.0	8.7	8.7
RP 4.04: SHEEP	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 4.05: SWINE	.0	.0	.0	.0	5.9	1.9	.0	7.8	7.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2
VIRGINIA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	2.3	.6	.0	2.9	2.9
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	7.9	2.2	.0	10.1	10.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	10.0	.7	.0	10.6	10.6
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	12.5	.0	.0	12.5	12.5
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	4.6	2.4	.0	7.0	7.0
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 8.03: FOOD SAFETY	.2	.0	.0	.2	2.4	4.9	.0	7.3	7.5
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	8.6	.0	.0	8.6	161.2	17.4	.0	178.6	187.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 2
PUERTO RICO

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	3.4	.0	.0	3.4	1.3	.0	.0	1.3	4.7
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	7.0	7.0	.0	.0	.0	.0	7.0
RP 3.01: CORN	.5	.0	.0	.5	.9	.0	.0	.9	1.4
RP 3.02: GRAIN SORGHUM	.5	.0	.0	.5	.4	.0	.0	.4	.9
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.05: RICE	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 3.06: SOYBEANS	.4	.0	.0	.4	.8	.0	.0	.8	1.2
RP 3.07: PEANUTS	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 3.08: SUGAR	.0	.0	.0	.0	13.3	.0	.0	13.3	13.3
RP 3.09: FORAGE, RANGE, & PASTURE	.1	.0	.0	.1	8.2	.0	.0	8.2	8.3
RP 3.11: TOBACCO	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	.3	.0	.0	.3	5.3	.0	.0	5.3	5.6
RP 3.13: FRUIT	.6	.0	.0	.6	13.3	.0	.0	13.3	13.6
RP 3.14: VEGETABLE CROPS	2.1	.0	.0	2.1	19.8	.0	.0	19.8	21.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.01: BEEF	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.02: DAIRY	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6
RP 4.03: POULTRY	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.8	.0	.0	2.8	2.6
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
GRAND TOTAL	7.9	.0	7.0	14.9	90.8	.0	.0	90.8	105.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981					REGION 2			
RESEARCH PROGRAM SUMMARY		VIRGIN IS								
		ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.02:	GRAIN SORGHUM	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.09:	FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.10:	COTTON	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.13:	FRUIT	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.14:	VEGETABLE CROPS	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 4.01:	BEEF	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 6.03:	FOOD SAFETY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.05:	FOOD SERVICE	.0	.0	.0	.0	.1	.0	.0	.1	.1
GRAND TOTAL		.0	.0	.0	.0	5.5	.0	.0	5.5	5.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3

ILLINOIS

	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.1	.0	.0	1.1	11.6	.0	.0	11.6	12.7
RP 1.02: WATER & WATERSHEDS	3.0	.0	.0	3.0	2.2	.0	.2	2.4	5.4
RP 1.04: ENVIRONMENTAL QUALITY	2.3	.0	.0	2.3	2.0	.0	.0	2.0	4.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.3	.3	.3
RP 2.02: TIMBER MANAGEMENT	.0	.0	4.5	4.5	3.4	.0	1.3	4.7	9.2
RP 2.03: FOREST PROTECTION	.0	.0	4.5	4.5	.3	.0	.0	.3	4.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	3.7	3.7	1.1	.0	.3	1.4	5.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.8	.0	1.1	1.9	1.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	3.0	3.0	1.0	.0	.6	1.6	4.6
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.4	.0	.1	.5	.5
RP 3.01: CORN	14.1	.0	.0	14.1	13.0	.0	.0	13.0	27.1
RP 3.02: GRAIN SORGHUM	1.4	.0	.0	1.4	.8	.0	.0	.8	2.2
RP 3.03: WHEAT	5.2	.0	.0	5.2	1.6	.0	.0	1.6	6.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	6.4	.0	.0	6.4	1.7	.0	.0	1.7	8.1
RP 3.06: SOYBEANS	37.8	.0	.0	37.8	16.3	.0	.0	16.3	54.1
RP 3.07: PEANUTS	.9	.0	.0	.9	.1	.0	.0	.1	1.0
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	.4	.0	.0	.4	3.9	.0	.0	3.9	4.3
RP 3.10: COTTON	1.1	.0	.0	1.1	.3	.0	.0	.3	1.4
RP 3.11: TOBACCO	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	13.5	.0	.0	13.5	1.0	.0	.0	1.0	14.5
RP 3.13: FRUIT	.5	.0	.0	.5	4.4	.0	.0	4.4	4.9
RP 3.14: VEGETABLE CROPS	.6	.0	.0	.6	6.0	.0	.0	6.0	6.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.17: WEEDS IN CROPS	.6	.0	.0	.6	.0	.0	.0	.0	.6
RP 3.19: NONSPECIFIC-PLANTS	28.7	.0	.0	28.7	2.6	.0	.0	2.6	31.3
RP 4.01: BEEF	.2	.0	.0	.2	4.0	.0	.0	4.0	4.3
RP 4.02: DAIRY	.9	.0	.0	.9	10.8	.0	.0	10.8	11.8
RP 4.03: POULTRY	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 4.04: SHEEP	.2	.0	.0	.2	3.2	.0	.0	3.2	3.4
RP 4.05: SWINE	.0	.0	.0	.0	6.3	.0	.0	6.3	6.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.1	.0	.0	.1	3.9	.0	.0	3.9	3.9
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 4.09: INVERTEBRATES	1.3	.0	.0	1.3	.9	.0	.0	.9	2.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3

ILLINOIS

	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	10.4	.0	.0	10.4	10.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	11.3	.0	.0	11.3	1.8	.0	.0	1.8	13.1
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	6.7	.0	.0	6.7	6.7
RP 7.01: HANDMADE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	10.8	.0	.0	10.8	5.6	.0	.0	5.6	16.3
RP 8.01: HUMAN NUTRITION	8.3	.0	.0	8.3	7.0	.0	.0	7.0	15.2
RP 8.02: FOOD PROCESSING	5.3	.0	.0	5.3	1.6	.0	.0	1.6	6.9
RP 8.03: FOOD SAFETY	18.5	.0	.0	18.5	1.2	.0	.0	1.2	19.7
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	174.4	.0	15.7	190.1	160.5	.0	3.9	164.4	354.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3

INDIANA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	3.4	.0	.0	3.4	10.8	.0	.0	10.8	14.1
RP 1.02: WATER & WATERSHEDS	.6	.0	.0	.6	3.1	.0	.0	3.1	3.8
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.11: FOREST & RANGE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	2.1	.0	.0	2.1	15.9	.0	.0	15.9	18.1
RP 3.02: GRAIN SORGHUM	.6	.0	.0	.6	1.9	.0	.0	1.9	2.4
RP 3.03: WHEAT	2.2	.0	.0	2.2	4.7	.0	.0	4.7	6.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.8	.0	.0	.8	.6	.0	.0	.6	1.3
RP 3.06: SOYBEANS	3.0	.0	.0	3.0	10.9	.0	.0	10.9	13.9
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.0	.0	.0	1.0	2.8	.0	.0	2.8	3.8
RP 3.13: FRUIT	1.9	.0	.0	1.9	2.9	.0	.0	2.9	4.8
RP 3.14: VEGETABLE CROPS	1.1	.0	.0	1.1	7.2	.0	.0	7.2	8.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 3.17: WEEDS IN CROPS	.5	.0	.0	.5	3.4	.0	.0	3.4	3.9
RP 3.18: SEEDS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.19: NONSPECIFIC-PLANTS	.5	.0	.0	.5	8.2	.0	.0	8.2	8.7
RP 4.01: BEEF	.0	.0	.0	.0	8.5	.0	.0	8.5	8.5
RP 4.02: DAIRY	.0	.0	.0	.0	7.8	.0	.0	7.8	7.8
RP 4.03: POULTRY	2.0	.0	.0	2.0	4.6	.0	.0	4.6	6.6
RP 4.04: SHEEP	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 4.05: SWINE	.0	.0	.0	.0	12.1	.0	.0	12.1	12.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.08: NONSPECIFIC-ANIMALS	.9	.0	.0	.9	10.4	.0	.0	10.4	11.3
RP 4.09: INVERTEBRATES	.3	.0	.0	.3	2.7	.0	.0	2.7	3.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3

INDIANA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	5.9	.0	.0	5.9	5.9
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RFGS	.0	.0	.0	.0	13.1	.0	.0	13.1	13.1
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	20.9	.0	.0	20.9	198.3	.0	.0	198.3	219.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

REGION 3

RESEARCH PROGRAM SUMMARY

IOWA

	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.8	.0	.0	.8	10.2	.0	.0	10.2	11.0
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.01: CORN	10.0	.0	.0	10.0	15.9	.0	.0	15.9	25.9
RP 3.02: GRAIN SORGHUM	.1	.0	.0	.1	.4	.0	.0	.4	.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.5	.0	.0	.5	3.3	.0	.0	3.3	3.8
RP 3.06: SOYBEANS	6.3	.0	.0	6.3	11.8	.0	.0	11.8	18.1
RP 3.07: PEANUTS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.2	.0	.0	.2	.4	.0	.0	.4	.6
RP 3.13: FRUIT	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.4	.0	.0	.4	3.3	.0	.0	3.3	3.7
RP 3.18: SEEDS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.19: NONSPECIFIC-PLANTS	3.2	.0	.0	3.2	.6	.0	.0	.6	3.8
RP 4.01: BEEF	14.8	.0	.0	14.8	9.0	.0	.0	9.0	23.8
RP 4.02: DAIRY	14.1	.0	.0	14.1	4.5	.0	.0	4.5	18.6
RP 4.03: POULTRY	7.1	.0	.0	7.1	2.4	.0	.0	2.4	9.5
RP 4.04: SHEEP	2.1	.0	.0	2.1	.1	.0	.0	.1	2.2
RP 4.05: SWINE	14.4	.0	.0	14.4	7.3	.0	.0	7.3	21.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.7	.0	.0	.7	1.4	.0	.0	1.4	2.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 5.02: LIVING ENVIRONMENT	.8	.0	.0	.8	.7	.0	.0	.7	1.5

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1961
RESEARCH PROGRAM SUMMARY

REGION 3

IOWA

	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	3.2	.0	.0	3.2	3.3
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	75.5	.0	.0	75.5	120.7	.0	.0	120.7	196.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3

KANSAS

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.0	.0	.0	4.0	6.6	.0	.0	6.6	10.5
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	7.6	.0	.0	7.6	7.6
RP 1.03: RECREATION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.1	.0	.0	1.1	1.4	.0	.0	1.4	2.5
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.01: CORN	7.0	.0	.0	7.0	13.3	.0	.0	13.3	20.3
RP 3.02: GRAIN SORGHUM	1.6	.0	.0	1.6	11.9	.0	.0	11.9	13.5
RP 3.03: WHEAT	16.0	.0	.0	16.0	27.6	.0	.0	27.6	43.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.7	.0	.0	.7	3.1	.0	.0	3.1	3.8
RP 3.05: RICE	1.2	.0	.0	1.2	.0	.0	.0	.0	1.2
RP 3.06: SOYBEANS	1.2	.0	.0	1.2	8.0	.0	.0	8.0	9.1
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	1.1	.0	.0	1.1	16.3	.0	.0	16.3	17.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 3.13: FRUIT	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	9.8	.0	.0	9.8	9.8
RP 4.01: BEEF	.0	.0	.0	.0	24.7	.0	.0	24.7	24.7
RP 4.02: DAIRY	.0	.0	.0	.0	8.4	.0	.0	8.4	8.4
RP 4.03: POULTRY	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 4.04: SHEEP	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 4.05: SWINE	.0	.0	.0	.0	6.0	.0	.0	6.0	6.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	6.0	.0	.0	6.0	6.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3									
KANSAS									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.2	.0	.0	.2	2.6	.0	.0	2.6	2.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 6.03: MARKETING & COMPETITION	.8	.0	.0	.8	2.7	.0	.0	2.7	3.5
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RFGS	.0	.0	.0	.0	6.9	.0	.0	6.9	6.9
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 8.03: FOOD SAFETY	1.0	.0	.0	1.0	.8	.0	.0	.8	1.8
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	35.8	.0	.0	35.8	201.7	.0	.0	201.7	237.5

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

RESEARCH PROGRAM SUMMARY		REGION 3								
		MICHIGAN								
		ARS	ERS/ACS	FS	USDA TOTAL	MICHIGAN SARS ANN ARBOR	MICHIGAN HOUGHTON	CSRS/SAES TOTAL	TOTAL	
RP 1.01:	SOIL & LAND USE	.0	.0	.0	.0	5.2	.0	.0	5.2	5.2
RP 1.02:	WATER & WATERSHEDS	.0	.0	1.5	1.5	1.3	.0	.0	1.3	2.8
RP 1.03:	RECREATION	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 1.04:	ENVIRONMENTAL QUALITY	.2	.0	.0	.2	6.6	.0	.0	6.6	6.8
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 1.07:	REMOTE SENSING	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.9	.6	.5	2.0	2.0
RP 2.02:	TIMBER MANAGEMENT	.0	.0	5.9	5.9	2.6	1.2	1.4	5.2	11.1
RP 2.03:	FOREST PROTECTION	.0	.0	6.0	6.0	.6	.5	.0	1.1	7.1
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	5.0	5.0	2.1	.3	5.1	7.5	12.5
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.6	.6	.3	.4	1.4	2.1	2.7
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.1	.3	.0	.4	.4
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	1.5	.7	.0	2.2	2.2
RP 3.01:	CORN	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 3.02:	GRAIN SORGHUM	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.03:	WHEAT	2.0	.0	.0	2.0	3.2	.0	.0	3.2	5.2
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	1.9	.0	.0	1.9	.9	.0	.0	.9	2.8
RP 3.06:	SOYBEANS	.0	.0	.0	.0	2.1	.2	.0	2.3	2.3
RP 3.08:	SUGAR	2.9	.0	.0	2.9	.6	.0	.0	.6	3.5
RP 3.09:	FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 3.12:	NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.13:	FRUIT	2.1	.0	.0	2.1	12.5	.0	.0	12.5	14.6
RP 3.14:	VEGETABLE CROPS	3.6	.0	.0	3.6	14.0	.0	.0	14.0	17.6
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	3.2	.1	.0	3.3	3.3
RP 3.19:	NONSPECIFIC-PLANTS	.0	.0	.0	.0	8.0	.0	.0	8.0	8.0
RP 4.01:	BEEF	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 4.02:	DAIRY	.0	.0	.0	.0	11.6	.0	.0	11.6	11.6
RP 4.03:	POULTRY	9.7	.0	.0	9.7	6.3	.0	.0	6.3	16.0
RP 4.04:	SHEEP	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 4.05:	SWINE	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.08:	NONSPECIFIC-ANIMALS	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RP 4.09:	INVERTEBRATES	.5	.0	.0	.5	1.4	.0	.0	1.4	1.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3

MICHIGAN

	ARS	ERS/ACS	FS	USDA TOTAL	MICHIGAN SAES ANN ARBOR	MICHIGAN BOUGHTON	CSRS/SAES TOTAL	TOTAL
RP 5.01: INDIVIDUALS AND FAMILIES	.4	.0	.0	.4	3.3	.0	.0	3.7
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.5	.0	.0	.5
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	5.2	.0	.0	5.2
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.2	.0	.0	.2
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.5	.0	.0	.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	5.9	.0	.0	5.9
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	3.0	.1	.0	3.1
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	4.0	.0	.0	4.0
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.8	.0	.0	.8
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	9.3	.0	.0	9.3
RP 8.01: HUMAN NUTRITION	1.6	.0	.0	1.6	3.8	.0	.0	5.4
RP 8.02: FOOD PROCESSING	.1	.0	.0	.1	2.7	.0	.0	2.8
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	2.9	.0	.0	2.9
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.2	.0	.0	.2
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.1	.0	.0	.1
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	25.0	.0	19.0	44.0	157.9	4.5	8.3	214.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3

MINNESOTA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	9.9	.0	.0	9.9	8.2	.0	.0	8.2	18.1
RP 1.02: WATER & WATERSHEDS	5.1	.0	.0	5.1	1.0	.0	.0	1.0	6.0
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	2.3	.0	.0	2.3	1.0	.0	.0	1.0	3.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.2	.0	.0	.2	1.0	.0	.0	1.0	1.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	8.0	8.0	2.9	.0	.0	2.9	10.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	5.0	5.0	8.8	.0	.0	8.8	13.8
RP 2.03: FOREST PROTECTION	.0	.0	7.0	7.0	1.8	.0	.0	1.8	8.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	2.4	2.4	8.0	.0	.0	8.0	10.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	3.0	3.0	2.7	.0	.0	2.7	5.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	4.0	4.0	1.2	.0	.0	1.2	5.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	3.0	3.0	1.4	.0	.0	1.4	4.4
RP 2.08: ALTERNATE USES OF LAND	.0	.0	9.0	9.0	.9	.0	.0	.9	9.9
RP 3.01: CORN	.3	.0	.0	.3	12.4	.0	.0	12.4	12.7
RP 3.03: WHEAT	3.5	.0	.0	3.5	4.3	.0	.0	4.3	7.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	2.2	.0	.0	2.2	5.4	.0	.0	5.4	7.6
RP 3.05: RICE	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 3.06: SOYBEANS	1.3	.0	.0	1.3	4.8	.0	.0	4.8	6.1
RP 3.08: SUGAR	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.09: FORAGE, RANGE, & PASTURE	6.0	.0	.0	6.0	4.5	.0	.0	4.5	10.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 3.13: FRUIT	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 3.14: VEGETABLE CROPS	2.0	.0	.0	2.0	10.1	.0	.0	10.1	12.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	5.8	.0	.0	5.8	5.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.17: WEEDS IN CROPS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.18: SEEDS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 4.01: BEEF	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 4.02: DAIRY	.7	.0	.0	.7	10.3	.0	.0	10.3	11.0
RP 4.03: POULTRY	.0	.0	.0	.0	8.7	.0	.0	8.7	8.7
RP 4.04: SHEEP	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 4.05: SWINE	.0	.0	.0	.0	7.6	.0	.0	7.6	7.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.4	.0	.0	.4	.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3
MINNESOTA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 6.03: MARKETING & COMPETITION	2.9	.0	.0	2.9	3.4	.0	.0	3.4	6.3
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.4	.0	.0	.4	5.2	.0	.0	5.2	5.6
RP 8.01: HUMAN NUTRITION	2.5	.0	.0	2.5	2.9	.0	.0	2.9	5.4
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	39.2	.0	41.4	80.6	182.7	.0	.0	182.7	263.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3

MISSOURI

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	2.6	.0	.0	2.6	4.1	.0	.0	4.1	6.7
RP 1.02: WATER & WATERSHEDS	4.5	.0	.0	4.5	.7	.0	.0	.7	5.2
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	1.1	.0	.0	1.1	2.6	.0	.0	2.6	3.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	4.0	4.0	2.3	.0	.0	2.3	6.3
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.8	.0	.0	.8	.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.01: CORN	7.5	.0	.0	7.5	4.8	.0	.0	4.8	12.3
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.03: WHEAT	.7	.0	.0	.7	1.6	.0	.0	1.6	2.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.06: SOYBEANS	4.2	.0	.0	4.2	5.6	.5	.0	6.1	10.3
RP 3.08: SUGAR	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.09: FORAGE, RANGE, & PASTURE	2.8	.0	2.0	4.8	4.6	.5	.0	5.1	9.9
RP 3.10: COTTON	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.13: FRUIT	.1	.0	.0	.1	3.1	.0	.0	3.1	3.2
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	2.0	.5	.0	2.5	2.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 3.17: WEEDS IN CROPS	.3	.0	.0	.3	.0	.0	.0	.0	.3
RP 3.18: SEEDS	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 3.19: NONSPECIFIC-PLANTS	.2	.0	.0	.2	3.2	.0	.0	3.2	3.4
RP 4.01: BEEF	.3	.0	.0	.3	4.9	.8	.0	5.7	6.0
RP 4.02: DAIRY	.0	.0	.0	.0	6.1	.2	.0	6.3	6.3
RP 4.03: POULTRY	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 4.04: SHEEP	.0	.0	.0	.0	1.0	.8	.0	1.8	1.8
RP 4.05: SWINE	.1	.0	.0	.1	2.2	.8	.0	3.0	3.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3

MISSOURI

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 4.09: INVERTEBRATES	6.6	.0	.0	6.6	.4	.0	.0	.4	7.0
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	3.8	.5	.0	4.3	4.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.8	.0	.0	.8	2.5	.0	.0	2.5	3.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.03: MARKETING & COMPETITION	1.3	.0	.0	1.3	4.5	.0	.0	4.5	5.8
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	1.4	.0	.0	1.4	1.2	.0	.0	1.2	2.6
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	3.2	1.0	.0	4.2	4.2
RP 8.02: FOOD PROCESSING	.1	.0	.0	.1	.7	.0	.0	.7	.8
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	34.7	.0	6.0	40.7	93.6	5.6	.0	99.2	139.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3

NEBRASKA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	2.9	.0	.0	2.9	5.0	.0	.0	5.0	7.9
RP 1.02: WATER & WATERSHEDS	2.3	.0	.0	2.3	4.9	.0	.0	4.9	7.2
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	1.0	.0	.0	1.0	1.1	.0	.0	1.1	2.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 2.03: FOREST PROTECTION	.0	.0	2.3	2.3	1.2	.0	.0	1.2	3.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.8	.8	.1	.0	.0	.1	.8
RP 3.01: CORN	1.7	.0	.0	1.7	11.0	.0	.0	11.0	12.7
RP 3.02: GRAIN SORGHUM	4.9	.0	.0	4.9	6.9	.0	.0	6.9	11.8
RP 3.03: WHEAT	2.6	.0	.0	2.6	7.0	.0	.0	7.0	9.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.2	.0	.0	.2	1.4	.0	.0	1.4	1.6
RP 3.06: SOYBEANS	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
RP 3.08: SUGAR	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.09: FORAGE, RANGE, & PASTURE	4.6	.0	.0	4.6	6.1	.0	.0	6.1	10.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.13: FRUIT	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.1	.0	.0	.1	4.8	.0	.0	4.8	4.9
RP 3.17: NEEDS IN CROPS	.4	.0	.0	.4	.6	.0	.0	.6	1.0
RP 3.18: SEEDS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 4.01: BEEF	19.0	.0	.0	19.0	14.8	.0	.0	14.8	33.8
RP 4.02: DAIRY	.6	.0	.0	.6	3.6	.0	.0	3.6	4.2
RP 4.03: POULTRY	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 4.04: SHEEP	7.5	.0	.0	7.5	1.0	.0	.0	1.0	8.5
RP 4.05: SWINE	8.8	.0	.0	8.8	9.5	.0	.0	9.5	18.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.08: NONSPECIFIC-ANIMALS	4.0	.0	.0	4.0	1.3	.0	.0	1.3	5.3
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.8	.0	.0	.8	.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

REGION 3

RESEARCH PROGRAM SUMMARY

NEBRASKA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.2	.0	.0	.2	2.8	.0	.0	2.8	3.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.4	.0	.0	.4	3.7	.0	.0	3.7	4.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 7.01: HANDMADE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RFGS	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 8.03: FOOD SAFETY	.3	.0	.0	.3	1.8	.0	.0	1.8	2.1
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.7	.0	.0	.7	.7
GRAND TOTAL	61.7	.0	3.0	64.7	129.7	.0	.0	129.7	194.4

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3
NORTH DAKOTA

	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.7	.0	.0	1.7	10.8	.0	.0	10.8	12.5
RP 1.02: WATER & WATERSHEDS	1.7	.0	.0	1.7	5.6	.0	.0	5.6	7.3
RP 1.04: ENVIRONMENTAL QUALITY	4.8	.0	.0	4.8	2.1	.0	.0	2.1	6.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.03: FOREST PROTECTION	.0	.0	1.5	1.5	.4	.0	.0	.4	1.9
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	1.5	1.5	.0	.0	.0	.0	1.5
RP 3.01: CORN	.5	.0	.0	.5	1.9	.0	.0	1.9	2.4
RP 3.03: WHEAT	9.0	.0	.0	9.0	14.8	.0	.0	14.8	23.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.4	.0	.0	1.4	9.0	.0	.0	9.0	10.4
RP 3.06: SOYBEANS	.1	.0	.0	.1	1.1	.0	.0	1.1	1.2
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.08: SUGAR	2.5	.0	.0	2.5	1.3	.0	.0	1.3	3.8
RP 3.09: FORAGE, RANGE, & PASTURE	8.2	.0	.0	8.2	6.3	.0	.0	6.3	14.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	6.3	.0	.0	6.3	7.1	.0	.0	7.1	13.5
RP 3.13: FRUIT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	5.3	.0	.0	5.3	5.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	1.9	.0	.0	1.9	.7	.0	.0	.7	2.6
RP 3.17: WEEDS IN CROPS	1.3	.0	.0	1.3	.1	.0	.0	.1	1.3
RP 3.19: NONSPECIFIC-PLANTS	3.7	.0	.0	3.7	6.3	.0	.0	6.3	9.9
RP 4.01: BEEF	2.0	.0	.0	2.0	7.4	.0	.0	7.4	9.4
RP 4.02: DAIRY	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 4.03: POULTRY	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.04: SHEEP	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 4.05: SWINE	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6
RP 4.09: INVERTEBRATES	15.6	.0	.0	15.6	.8	.0	.0	.8	16.4
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3									
NORTH DAKOTA									
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COHH RESOURCES OR RFGS	.2	.0	.0	.2	7.7	.0	.0	7.7	7.9
RP 8.01: HUMAN NUTRITION	7.7	.0	.0	7.7	.2	.0	.0	.2	7.9
RP 8.03: FOOD SAFETY	10.1	.0	.0	10.1	.8	.0	.0	.8	10.6
GRAND TOTAL	78.6	.0	3.0	81.6	115.5	.0	.0	115.5	197.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

	REGION 3								
	OHIO								
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OHIC ALLIANCE	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.6	.0	.0	1.6	8.7	.0	.0	8.7	10.3
RP 1.02: WATER & WATERSHEDS	3.9	.0	.0	3.9	2.5	.0	.0	2.5	6.5
RP 1.03: RECREATION	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 1.04: ENVIRONMENTAL QUALITY	2.3	.0	.0	2.3	3.0	.0	.0	3.0	5.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	3.0	3.0	6.1	.0	.0	6.1	9.1
RP 2.03: FOREST PROTECTION	.0	.0	13.2	13.2	1.2	.0	.0	1.2	14.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	7.2	7.2	.1	.0	.0	.1	7.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	3.1	3.1	1.0	.0	.0	1.0	4.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.8	.8	.1	.0	.0	.1	.9
RP 3.01: CORN	4.2	.0	.0	4.2	7.3	.0	.0	7.3	11.4
RP 3.03: WHEAT	2.9	.0	.0	2.9	1.2	.0	.0	1.2	4.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.06: SOYBEANS	1.0	.0	.0	1.0	7.0	.0	.0	7.0	8.0
RP 3.08: SUGAR	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 3.10: COTTON	1.3	.0	.0	1.3	.0	.0	.0	.0	1.3
RP 3.11: TOBACCO	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.13: FRUIT	1.4	.0	.0	1.4	5.6	.0	.0	5.6	7.0
RP 3.14: VEGETABLE CROPS	1.1	.0	.0	1.1	9.3	.0	.0	9.3	10.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	6.1	.0	.0	6.1	7.5	.0	.0	7.5	13.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 4.01: BEEF	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RP 4.02: DAIRY	.0	.0	.0	.0	8.7	.0	.0	8.7	8.7
RP 4.03: POULTRY	.0	.0	.0	.0	5.9	.0	.0	5.9	5.9
RP 4.04: SHEEP	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 4.05: SWINE	.0	.0	.0	.0	7.2	.0	.0	7.2	7.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.2	.0	.0	.2	.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3

OHIO

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OHIO ALLIANCE	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 7.01: MANMADE RESOURCES	2.0	.0	.0	2.0	.0	.0	.0	.0	2.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RFGS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	27.8	.0	27.3	55.1	116.2	.0	.0	116.2	171.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3
SOUTH DAKOTA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	2.5	2.5	.0	.0	.0	.0	2.5
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 2.08: ALTERNATE USES OF LAND	.0	.0	2.5	2.5	.0	.0	.0	.0	2.5
RP 3.01: CORN	8.0	.0	.0	8.0	3.1	.0	.0	3.1	11.1
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.03: WHEAT	.6	.0	.0	.6	4.3	.0	.0	4.3	4.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.6	.0	.0	1.6	3.9	.0	.0	3.9	5.4
RP 3.06: SOYBEANS	.2	.0	.0	.2	1.1	.0	.0	1.1	1.3
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	7.7	.0	.0	7.7	7.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	.9	.0	.0	.9	2.7	.0	.0	2.7	3.6
RP 3.13: FRUIT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	6.8	.0	.0	6.8	6.8
RP 4.01: BEEF	.8	.0	.0	.0	14.3	.0	.0	14.3	15.1
RP 4.02: DAIRY	.0	.0	.0	.0	5.3	.0	.0	5.3	5.3
RP 4.03: POULTRY	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 4.04: SHEEP	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 4.05: SWINE	.0	.0	.0	.0	6.3	.0	.0	6.3	6.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 7.01: HANMADE RESOURCES	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RFGS	.2	.0	.0	.2	.2	.0	.0	.2	.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						REGION 3		
RESEARCH PROGRAM SUMMARY		SOUTH DAKOTA								
		ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 8.01:	HUMAN NUTRITION	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 8.02:	FOOD PROCESSING	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 8.03:	FOOD SAFETY	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 8.05:	FOOD SERVICE	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 9.01:	UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL		12.3	.0	5.0	17.3	92.4	.0	.0	92.4	109.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3

WISCONSIN

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	6.9	.0	.0	6.9	6.9
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.03: RECREATION	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	7.1	.0	.0	7.1	7.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	14.0	14.0	2.7	.0	.0	2.7	16.7
RP 2.03: FOREST PROTECTION	.0	.0	8.0	8.0	4.0	.0	.0	4.0	12.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	90.3	90.3	2.3	.0	.0	2.3	92.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.01: CORN	.2	.0	.0	.2	4.5	.0	.0	4.5	4.8
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.03: WHEAT	.2	.0	.0	.2	.4	.0	.0	.4	.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	4.8	.0	.0	4.8	2.0	.0	.0	2.0	6.8
RP 3.06: SOYBEANS	.2	.0	.0	.2	2.9	.0	.0	2.9	3.2
RP 3.09: FORAGE, RANGE, & PASTURE	2.7	.0	.0	2.7	7.2	.0	.0	7.2	9.8
RP 3.11: TOBACCO	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	.3	.0	.0	.3	.2	.0	.0	.2	.4
RP 3.13: FRUIT	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 3.14: VEGETABLE CROPS	4.4	.0	.0	4.4	14.6	.0	.0	14.6	18.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 3.16: BEES & OTHER POLLINATING INSECTS	2.9	.0	.0	2.9	.8	.0	.0	.8	3.7
RP 3.17: WEEDS IN CROPS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.18: SEEDS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.19: NONSPECIFIC-PLANTS	4.3	.0	.0	4.3	4.4	.0	.0	4.4	8.7
RP 4.01: BEEF	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 4.02: DAIRY	3.1	.0	.0	3.1	13.0	.0	.0	13.0	16.2
RP 4.03: POULTRY	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RP 4.04: SHEEP	.2	.0	.0	.2	.4	.0	.0	.4	.6
RP 4.05: SWINE	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 3
WISCONSIN

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	7.0	.0	.0	7.0	7.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	1.3	.0	.0	1.3	15.7	.0	.0	15.7	17.0
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.4	.0	.0	.4	.5	.0	.0	.5	.9
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	24.9	.0	112.3	137.2	155.4	.0	.0	155.4	292.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						REGION 4		
RESEARCH PROGRAM SUMMARY		ALASKA								
		ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01:	SOIL & LAND USE	.7	.0	.0	.7	.9	.0	.0	.9	1.6
RP 1.03:	RECREATION	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	2.8	2.8	.0	.0	.0	.0	2.8
RP 2.02:	TIMBER MANAGEMENT	.0	.0	7.2	7.2	.8	.0	.0	.8	8.0
RP 2.03:	FOREST PROTECTION	.0	.0	2.2	2.2	.0	.0	.0	.0	2.2
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	6.6	6.6	.3	.0	.0	.3	6.9
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	5.0	5.0	.0	.0	.0	.0	5.0
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	1.2	1.2	.0	.0	.0	.0	1.2
RP 3.03:	WHEAT	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	.9	.0	.0	.9	.9	.0	.0	.9	1.8
RP 3.09:	FORAGE, RANGE, & PASTURE	1.3	.0	.0	1.3	.6	.0	.0	.6	1.9
RP 3.12:	NEW CROPS & MINOR OILSEEDS	.5	.0	.0	.5	.9	.0	.0	.9	1.4
RP 3.13:	FRUIT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.14:	VEGETABLE CROPS	.8	.0	.0	.8	.2	.0	.0	.2	1.0
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.4	.0	.0	.4	.3	.0	.0	.3	.7
RP 3.19:	NONSPECIFIC-PLANTS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.01:	BEEF	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.02:	DAIRY	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.05:	SWINE	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.08:	NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.03:	MARKETING & COMPETITION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 9.01:	UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL		4.6	.0	25.0	29.6	8.2	.0	.0	8.2	37.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 4

ARIZONA

	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	5.8	.0	.0	5.8	8.0	.0	.0	8.0	13.8
RP 1.02: WATER & WATERSHEDS	17.9	.0	2.8	20.7	6.3	.0	.0	6.3	27.0
RP 1.03: RECREATION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.04: ENVIRONMENTAL QUALITY	.8	.0	.0	.8	6.4	.0	.0	6.4	7.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.3	.0	.0	.3	1.5	.0	.0	1.5	1.7
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	3.2	.0	.2	3.4	3.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	2.0	2.0	1.3	.0	2.3	3.6	5.6
RP 2.03: FOREST PROTECTION	.0	.0	3.0	3.0	1.9	.0	.0	1.9	4.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.1	.0	.8	.9	.9
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	11.2	11.2	1.9	.0	.0	1.9	13.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	5.0	5.0	2.1	.0	.1	2.2	7.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	1.5	.0	.1	1.6	1.6
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 2.11: FOREST & RANGE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 3.03: WHEAT	.2	.0	.0	.2	2.1	.0	.0	2.1	2.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.0	.0	.0	1.0	1.4	.0	.0	1.4	2.4
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.08: SUGAR	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 3.09: FORAGE, RANGE, & PASTURE	5.4	.0	.0	5.4	6.3	.0	.0	6.3	11.8
RP 3.10: COTTON	19.0	.0	.0	19.0	14.6	.0	.0	14.6	33.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.2	.0	.0	1.2	3.2	.0	.0	3.2	4.4
RP 3.13: FRUIT	.0	.0	.0	.0	8.7	.0	.0	8.7	8.7
RP 3.14: VEGETABLE CROPS	.8	.0	.0	.8	12.6	.0	.0	12.6	13.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	8.0	.0	.0	8.0	.0	.0	.0	.0	8.0
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.01: BEEF	.0	.0	.0	.0	7.9	.0	.0	7.9	7.9
RP 4.02: DAIRY	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
RP 4.03: POULTRY	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 4.04: SHEEP	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.05: SWINE	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

RESEARCH PROGRAM SUMMARY

REGION 4

ARIZONA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RP 4.09: INVERTEBRATES	3.7	.0	.0	3.7	1.6	.0	.0	1.6	5.3
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	64.0	.0	24.0	88.0	141.2	.0	3.5	144.7	232.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 4

CALIFORNIA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.5	.0	.0	4.5	21.5	.0	.0	21.5	26.0
RP 1.02: WATER & WATERSHEDS	10.3	.0	.0	10.3	13.2	.0	.0	13.2	23.5
RP 1.03: RECREATION	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 1.04: ENVIRONMENTAL QUALITY	11.2	.0	.0	11.2	27.8	.0	.0	27.8	39.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	2.5	.0	.3	2.8	2.8
RP 2.02: TIMBER MANAGEMENT	.0	.0	18.5	18.5	4.6	.0	.7	5.3	23.6
RP 2.03: FOREST PROTECTION	.0	.0	31.6	31.6	7.9	.0	.2	8.1	39.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	15.7	.0	.0	15.7	15.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	12.3	12.3	1.1	.0	.1	1.2	13.5
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	4.8	4.8	2.0	.0	.0	2.0	6.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	2.0	2.0	1.7	.0	.0	1.7	3.7
RP 2.08: ALTERNATE USES OF LAND	.0	.0	2.7	2.7	.6	.0	.0	.6	3.3
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.11: FOREST & RANGE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.03: WHEAT	11.0	.0	.0	11.0	4.5	.0	.0	4.5	15.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.0	.0	.0	1.0	2.8	.0	.0	2.8	3.8
RP 3.05: RICE	2.0	.0	.0	2.0	4.5	.0	.0	4.5	6.5
RP 3.06: SOYBEANS	.1	.0	.0	.1	2.1	.0	.0	2.1	2.2
RP 3.07: PEANUTS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.08: SUGAR	7.8	.0	.0	7.8	2.2	.0	.0	2.2	10.0
RP 3.09: FORAGE, RANGE, & PASTURE	13.0	.0	.0	13.0	19.9	.0	.0	19.9	32.9
RP 3.10: COTTON	8.7	.0	.0	8.7	12.8	.0	.0	12.8	21.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	4.2	.0	.0	4.2	6.3	1.0	.0	7.3	11.5
RP 3.13: FRUIT	30.3	.0	.0	30.3	66.7	.0	.0	66.7	97.0
RP 3.14: VEGETABLE CROPS	15.0	.0	.0	15.0	33.1	.0	.0	33.1	48.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.5	.0	.0	.5	15.9	.0	.0	15.9	16.4
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 3.17: WEEDS IN CROPS	3.9	.0	.0	3.9	.4	.0	.0	.4	4.3
RP 3.18: SEEDS	.3	.0	.0	.3	.7	.0	.0	.7	1.0
RP 3.19: NONSPECIFIC-PLANTS	36.0	.0	.0	36.0	39.8	.0	.0	39.8	75.8
RP 4.01: BEEF	.0	.0	.0	.0	10.7	.0	.0	10.7	10.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 4
CALIFORNIA

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.02: DAIRY	.0	.0	.0	.0	9.0	.0	.0	9.0	9.0
RP 4.03: POULTRY	4.0	.0	.0	4.0	8.8	.0	.0	8.8	12.8
RP 4.04: SHEEP	7.9	.0	.0	7.9	4.9	.0	.0	4.9	12.8
RP 4.05: SWINE	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	9.2	.0	.0	9.2	9.2
RP 4.08: NONSPECIFIC-ANIMALS	2.2	.0	.0	2.2	14.5	.0	.0	14.5	16.7
RP 4.09: INVERTEBRATES	5.6	.0	.0	5.6	25.1	.0	.0	25.1	30.7
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	7.1	.0	.0	7.1	7.1
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	8.7	.0	.0	8.7	8.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	10.1	.0	.0	10.1	10.1
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	6.6	.0	.0	6.6	6.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	4.1	.0	.0	4.1	2.3	.0	.0	2.3	6.4
RP 6.03: MARKETING & COMPETITION	1.5	.0	.0	1.5	6.1	.0	.0	6.1	7.7
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	30.4	.0	.0	30.4	30.4
RP 8.01: HUMAN NUTRITION	20.0	.0	.0	20.0	19.6	.0	.0	19.6	39.6
RP 8.02: FOOD PROCESSING	12.7	.0	.0	12.7	3.8	.0	.0	3.8	16.5
RP 8.03: FOOD SAFETY	12.4	.0	.0	12.4	10.9	.0	.0	10.9	23.3
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.3	.0	.0	.3	.3
GRAND TOTAL	230.3	.0	71.9	302.2	528.9	1.0	1.3	531.2	833.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 4
COLORADO

	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	6.3	.0	.0	6.3	15.4	.0	.0	15.4	21.7
RP 1.02: WATER & WATERSHEDS	6.6	.0	.0	6.6	30.3	.0	.0	30.3	36.9
RP 1.03: RECREATION	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 1.04: ENVIRONMENTAL QUALITY	6.8	.0	.0	6.8	5.9	.0	.2	6.1	12.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	3.2	.0	.0	3.2	16.2	.0	.0	16.2	19.4
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	9.3	.0	.0	9.3	9.3
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.3	.0	.3	.6	.6
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	13.8	13.8	3.4	.0	.0	3.4	17.2
RP 2.02: TIMBER MANAGEMENT	.0	.0	2.8	2.8	.0	.0	.2	.2	3.0
RP 2.03: FOREST PROTECTION	.0	.0	13.6	13.6	.3	.0	.0	.3	13.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	4.0	4.0	1.8	.0	2.5	4.3	8.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	8.2	8.2	.9	.0	.6	1.5	9.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.6	.6	.4	.0	.0	.4	1.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	2.6	2.6	.9	.0	1.6	2.5	5.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	4.4	4.4	.0	.0	.1	.1	4.5
RP 3.01: CORN	.0	.0	.0	.0	1.5	.0	.0	1.5	1.6
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.03: WHEAT	.6	.0	.0	.6	3.6	.0	.0	3.6	4.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.1	.0	.0	.1	3.3	.0	.0	3.3	3.3
RP 3.06: SOYBEANS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.08: SUGAR	5.4	.0	.0	5.4	2.5	.0	.0	2.5	7.9
RP 3.09: FORAGE, RANGE, & PASTURE	6.3	.0	.0	6.3	13.0	.0	.0	13.0	19.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.13: FRUIT	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	11.7	.0	.0	11.7	11.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.1	.0	.0	.1	3.8	.0	.0	3.8	3.9
RP 3.17: SEEDS IN CROPS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.18: SEEDS	.8	.0	.0	.8	.4	.0	.0	.4	1.1
RP 3.19: NONSPECIFIC-PLANTS	4.3	.0	.0	4.3	1.9	.0	.2	2.1	6.5
RP 4.01: BEEF	3.4	.0	.0	3.4	22.8	.0	.0	22.8	26.2
RP 4.02: DAIRY	2.6	.0	.0	2.6	.5	.0	.0	.5	3.1
RP 4.03: POULTRY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.04: SHEEP	3.6	.0	.0	3.6	1.4	.0	.0	1.4	5.0
RP 4.05: SWINE	.2	.0	.0	.2	.7	.0	.0	.7	.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.4	.0	.0	.4	.8	.0	.0	.8	1.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.2	.0	.0	.2	.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

RESEARCH PROGRAM SUMMARY

REGION 4

COLORADO

	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	30.0	.0	.0	30.0	30.0
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	10.9	.0	.0	10.9	10.9
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	10.3	.0	.0	10.3	10.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR WPGS	.3	.0	.0	.3	.0	.0	.0	.0	.3
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	51.1	.0	50.0	101.1	228.3	.0	5.7	234.0	335.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 4

HAWAII

	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.9	.9	.1	.0	.0	.1	1.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	5.0	5.0	.5	.0	.0	.5	5.5
RP 2.03: FOREST PROTECTION	.0	.0	2.0	2.0	.2	.0	.0	.2	2.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	1.4	1.4	.4	.0	.0	.4	1.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	1.0	1.0	.0	.0	.0	.0	1.0
RP 2.09: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 3.06: SOYBEANS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.08: SUGAR	1.0	.0	.0	1.0	2.1	.0	.0	2.1	3.1
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.13: FRUIT	12.0	.0	.0	12.0	18.6	.0	.0	18.6	30.5
RP 3.14: VEGETABLE CROPS	.3	.0	.0	.3	11.7	.0	.0	11.7	12.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	10.6	.0	.0	10.6	10.6
RP 3.17: WEEDS IN CROPS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.18: SEEDS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 4.01: BEEF	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 4.02: DAIRY	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.03: POULTRY	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 4.05: SWINE	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 4.09: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.09: INVERTEBRATES	1.0	.0	.0	1.0	.8	.0	.0	.8	1.8
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 4

HAWAII

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.1	.0	.0	.1	.1
GRAND TOTAL	14.2	.0	10.3	24.5	92.5	.0	.0	92.5	117.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

	REGION 4								TOTAL
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	
RP 1.01: SOIL & LAND USE	4.6	.0	.0	4.6	3.1	.0	.0	3.1	7.7
RP 1.02: WATER & WATERSHEDS	15.2	.0	.0	15.2	2.4	.0	.8	3.2	18.4
RP 1.03: RECREATION	.0	.0	.0	.0	.3	.0	1.1	1.4	1.4
RP 1.04: ENVIRONMENTAL QUALITY	4.1	.0	.0	4.1	4.4	.0	.9	5.3	9.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.2	.0	8.6	8.8	8.8
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.2	.0	.6	.8	.8
RP 2.02: TIMBER MANAGEMENT	.0	.0	13.9	13.9	.0	.0	7.0	7.0	20.9
RP 2.03: FOREST PROTECTION	.0	.0	3.3	3.3	.4	.0	7.9	8.3	11.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.0	2.9	2.9	2.9
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	1.8	1.8	.1	.0	2.0	2.1	3.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	1.6	1.6	.5	.0	6.4	6.9	8.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.9	.9	.9
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	.4	.4	.4
RP 3.01: CORN	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	.9	.0	.0	.9	4.4	.0	.0	4.4	5.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.0	.0	.0	1.0	.6	.0	.0	.6	1.6
RP 3.05: RICE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.08: SUGAR	.7	.0	.0	.7	.3	.0	.0	.3	1.1
RP 3.09: FORAGE, RANGE, & PASTURE	.8	.0	.5	1.3	1.9	.0	1.5	3.3	4.6
RP 3.10: COTTON	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 3.13: FRUIT	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.14: VEGETABLE CROPS	2.3	.0	.0	2.3	13.7	.0	.0	13.7	16.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 3.17: SEEDS IN CROPS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.18: SEEDS	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.19: NONSPECIFIC-PLANTS	.9	.0	.0	.9	4.0	.0	.0	4.0	4.9
RP 4.01: BEEF	.2	.0	.0	.2	4.2	.0	.0	4.2	4.4
RP 4.02: DAIRY	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 4.03: POULTRY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.04: SHEEP	6.9	.0	.0	6.9	2.1	.0	.0	2.1	8.9
RP 4.05: SWINE	.0	.0	.0	.0	.1	.0	.0	.1	.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

	REGION 4								
	IDAHO								
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	37.4	.0	21.0	58.4	62.6	.0	40.9	103.5	161.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

						REGION 4				
						MONTANA				
		ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE		3.3	.0	.0	3.3	7.3	.0	.0	7.3	10.6
RP 1.02: WATER & WATERSHEDS		2.3	.0	.0	2.3	2.2	.0	.0	2.2	4.5
RP 1.04: ENVIRONMENTAL QUALITY		.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY		.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.06: FISH & WILDLIFE		.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES		.0	.0	.7	.7	.0	.0	1.0	1.0	1.7
RP 2.02: TIMBER MANAGEMENT		.0	.0	7.0	7.0	.0	.0	4.1	4.1	11.1
RP 2.03: FOREST PROTECTION		.0	.0	22.6	22.6	.0	.0	.0	.0	22.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS		.0	.0	2.9	2.9	.0	.0	.4	.4	3.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION		.0	.0	.8	.8	.0	.0	.0	.0	.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT		.0	.0	3.0	3.0	.0	.0	3.0	3.0	6.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES		.0	.0	2.0	2.0	.0	.0	.1	.1	2.1
RP 2.08: ALTERNATE USES OF LAND		.0	.0	2.0	2.0	.0	.0	.0	.0	2.0
RP 3.01: CORN		.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.02: GRAIN SORGHUM		.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.03: WHEAT		1.9	.0	.0	1.9	8.7	.0	.0	8.7	10.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT		1.4	.0	.0	1.4	8.6	.0	.0	8.6	10.0
RP 3.08: SUGAR		.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.09: FORAGE, RANGE, & PASTURE		7.3	.0	.0	7.3	13.3	.0	.0	13.3	20.6
RP 3.12: NEW CROPS & MINOR OILSEEDS		.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 3.13: FRUIT		.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.14: VEGETABLE CROPS		.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT		.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 3.19: NONSPECIFIC-PLANTS		.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 4.01: BEEF		6.5	.0	.0	6.5	12.5	.0	.0	12.5	19.0
RP 4.02: DAIRY		.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.03: POULTRY		.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.04: SHEEP		.0	.0	.0	.0	5.2	.0	.0	5.2	5.2
RP 4.05: SWINE		.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)		.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 4.08: NONSPECIFIC-ANIMALS		.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 5.01: INDIVIDUALS AND FAMILIES		.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 5.02: LIVING ENVIRONMENT		.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES		.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME		.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT		.0	.0	.0	.0	.1	.0	.0	.1	.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

	REGION 4								
	MONTANA								
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 7.01: HANDMADE RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 8.01: HUMAN NUTRITION	.4	.0	.0	.4	.3	.0	.0	.3	.7
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	23.0	.0	40.9	63.9	79.5	.0	8.6	88.1	152.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

RESEARCH PROGRAM SUMMARY		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						REGION 4		
								NEVADA		
		ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01:	SOIL & LAND USE	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 1.03:	RECREATION	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.07:	REMOTE SENSING	.1	.0	.0	.1	.1	.0	.0	.1	.2
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.2	.2	.5	.0	.0	.5	.7
RP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.8	.8	.1	.0	.0	.1	.9
RP 2.07:	FOREST RECREATION & AESTHETICS & OTN LANDSCAPE VALUES	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.03:	WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.08:	SUGAR	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09:	FORAGE, RANGE, & PASTURE	5.3	.0	.0	5.3	8.7	.0	.0	8.7	14.0
RP 3.12:	NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.14:	VEGETABLE CROPS	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.16:	BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.19:	NONSPECIFIC-PLANTS	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.01:	BEEF	.0	.0	.0	.0	8.7	.0	.0	8.7	8.7
RP 4.02:	DAIRY	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 4.04:	SHEEP	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.08:	NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.09:	INVERTEBRATES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.01:	INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 5.02:	LIVING ENVIRONMENT	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 5.03:	COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.03:	MARKETING & COMPETITION	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	.9	.0	.0	.9	.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981						REGION 4	
RESEARCH PROGRAM SUMMARY		NEVADA							
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	5.4	.0	1.0	6.4	38.0	.0	.0	38.0	44.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

	REGION 4 NEW MEXICO								
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.3	.0	.0	.3	4.5	.0	.0	4.5	4.8
RP 1.02: WATER & WATERSHEDS	.4	.0	.0	.4	2.7	.0	.0	2.7	3.1
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	3.0	3.0	.0	.0	.0	.0	3.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	1.0	1.0	1.3	.0	.0	1.3	2.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.01: CORN	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 3.03: WHEAT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.06: SOYBEANS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.07: PEANUTS	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 3.08: SUGAR	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.09: FORAGE, RANGE, & PASTURE	3.6	.0	.0	3.6	7.2	.0	.0	7.2	10.8
RP 3.10: COTTON	3.9	.0	.0	3.9	6.0	.0	.0	6.0	9.9
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 3.13: FRUIT	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	8.8	.0	.0	8.8	8.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 4.01: BEEF	.8	.0	.0	.8	4.3	.0	.0	4.3	5.1
RP 4.02: DAIRY	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 4.03: POULTRY	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.04: SHEEP	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.4	.0	.0	.4	.4

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

					REGION 4				
					NEW MEXICO				
	ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 7.01: HANDMADE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	9.0	.0	4.0	13.0	64.9	.0	.0	64.9	77.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 4

OREGON

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	3.0	.0	.0	3.0	4.8	.0	.1	4.9	7.9
RP 1.02: WATER & WATERSHEDS	1.9	.0	.0	1.9	2.2	.0	.1	2.3	4.1
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	.3	.3	.3
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	7.0	.0	.0	7.0	7.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.2	.0	.0	.2	.5	.0	1.6	2.1	2.3
RP 1.06: FISH & WILDLIFE	.2	.0	.0	.2	3.2	.0	.0	3.2	3.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	7.1	7.1	.8	.0	.6	1.4	8.5
RP 2.02: TIMBER MANAGEMENT	.0	.0	15.5	15.5	2.5	.0	22.0	24.5	40.0
RP 2.03: FOREST PROTECTION	.0	.0	24.6	24.6	.8	.0	3.7	4.5	29.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	6.0	6.0	.5	.0	19.3	19.8	25.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	6.0	6.0	.2	.0	4.8	5.0	11.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	10.1	10.1	.1	.0	.5	.6	10.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	1.9	1.9	1.9
RP 2.08: ALTERNATE USES OF LAND	.0	.0	7.8	7.8	.1	.0	.3	.4	8.2
RP 2.10: TREES, FORESTS & FOREST PRODUCTS--GENERAL	.0	.0	.0	.0	.0	.0	.1	.1	.1
RP 2.11: FOREST & RANGE RESOURCES	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0
RP 3.01: CORN	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.03: WHEAT	3.3	.0	.0	3.3	4.3	.0	.0	4.3	7.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.6	.0	.0	.6	1.9	.0	.0	1.9	2.5
RP 3.06: SOYBEANS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.08: SUGAR	.3	.0	.0	.3	.1	.0	.0	.1	.4
RP 3.09: FORAGE, RANGE, & PASTURE	6.1	.0	.0	6.1	7.2	.0	.0	7.2	13.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	3.3	.0	.0	3.3	2.5	.0	.0	2.5	5.8
RP 3.13: FRUIT	4.7	.0	.0	4.7	16.8	.0	.0	16.8	21.5
RP 3.14: VEGETABLE CROPS	.6	.0	.0	.6	11.8	.0	.0	11.8	12.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	6.1	.0	.0	6.1	4.2	.0	.0	4.2	10.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 3.17: WEEDS IN CROPS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.18: SEEDS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.19: NONSPECIFIC-PLANTS	1.8	.0	.0	1.8	2.0	.0	.0	2.0	3.8
RP 4.01: BEEF	.0	.0	.0	.0	8.3	.0	.0	8.3	8.3
RP 4.02: DAIRY	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 4.03: POULTRY	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 4.04: SHEEP	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 4.05: SWINE	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

REGION 4

OREGON

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	.9	.0	.4	1.3	1.3
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	1.5	.0	.2	1.7	1.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	2.6	.0	.4	3.0	3.0
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	32.1	.0	77.0	109.1	123.5	.0	57.3	180.8	289.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

RESEARCH PROGRAM SUMMARY		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981								REGION 4	
										UTAH	
		ARS	ERS/ACS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RP 1.01:	SOIL & LAND USE	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7	
RP 1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7	
RP 1.03:	RECREATION	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6	
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5	
RP 1.06:	FISH & WILDLIFE	.1	.0	.0	.1	.0	.0	.0	.0	.1	
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	6.0	6.0	.0	.0	.0	.0	6.0	
RP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 2.03:	FOREST PROTECTION	.0	.0	3.0	3.0	.0	.0	.0	.0	3.0	
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	8.8	8.8	.6	.0	.0	.6	9.4	
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	10.1	10.1	3.0	.0	.0	3.0	13.0	
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	1.4	1.4	1.2	.0	.0	1.2	2.6	
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.3	.0	.0	.3	.3	
RP 3.01:	CORN	.0	.0	.0	.0	.2	.0	.0	.2	.2	
RP 3.03:	WHEAT	1.1	.0	.0	1.1	2.2	.0	.0	2.2	3.3	
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9	
RP 3.08:	SUGAR	4.1	.0	.0	4.1	.0	.0	.0	.0	4.1	
RP 3.09:	FORAGE, RANGE, & PASTURE	6.3	.0	1.4	7.7	4.6	.0	.0	4.6	12.3	
RP 3.13:	FRUIT	.1	.0	.0	.1	1.9	.0	.0	1.9	2.0	
RP 3.14:	VEGETABLE CROPS	.5	.0	.0	.5	1.0	.0	.0	1.0	1.5	
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 3.16:	BEEES & OTHER POLLINATING INSECTS	3.0	.0	.0	3.0	.5	.0	.0	.5	3.5	
RP 3.17:	WEEDS IN CROPS	.8	.0	.0	.8	.0	.0	.0	.0	.8	
RP 3.18:	SEEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 3.19:	NONSPECIFIC-PLANTS	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6	
RP 4.01:	BEEF	2.5	.0	.0	2.5	4.3	.0	.0	4.3	6.8	
RP 4.02:	DAIRY	2.1	.0	.0	2.1	6.5	.0	.0	6.5	8.6	
RP 4.03:	POULTRY	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5	
RP 4.04:	SHEEP	1.6	.0	.0	1.6	3.9	.0	.0	3.9	5.5	
RP 4.05:	SWINE	.4	.0	.0	.4	.1	.0	.0	.1	.5	
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.1	.0	.0	.1	.7	.0	.0	.7	.8	
RP 4.08:	NONSPECIFIC-ANIMALS	.4	.0	.0	.4	4.2	.0	.0	4.2	4.6	
RP 4.09:	INVERTEBRATES	.0	.0	.0	.0	.5	.0	.0	.5	.5	
RP 5.01:	INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	.5	.0	.0	.5	.5	
RP 5.02:	LIVING ENVIRONMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5	
RP 5.03:	COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

	REGION 4								
	UTAH								
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 7.01: MANMADE RESOURCES	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 8.03: FOOD SAFETY	.5	.0	.0	.5	1.6	.0	.0	1.6	2.1
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	.0	.0	.0	.0	.8	.0	.0	.8	.8
GRAND TOTAL	23.5	.0	30.6	54.1	69.3	.0	.0	69.3	123.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

RESEARCH PROGRAM SUMMARY		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981								REGION 4	
		WASHINGTON								TOTAL	
		ARS	BRS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL		
RP 1.01:	SOIL & LAND USE	4.5	.0	.0	4.5	7.3	.0	.0	7.3	11.8	
RP 1.02:	WATER & WATERSHEDS	3.0	.0	.0	3.0	2.8	.0	.0	2.8	5.8	
RP 1.03:	RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1	
RP 1.04:	ENVIRONMENTAL QUALITY	2.4	.0	.0	2.4	3.0	.0	.0	3.0	5.5	
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6	
RP 1.06:	FISH & WILDLIFE	.3	.0	.0	.3	.0	.0	.0	.0	.3	
RP 1.07:	REMOTE SENSING	.0	.0	.0	.0	.3	.0	.0	.3	.3	
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.6	.0	.0	.7	.7	
RP 2.02:	TIMBER MANAGEMENT	.0	.0	8.0	8.0	.9	.0	16.9	17.8	25.8	
RP 2.03:	FOREST PROTECTION	.0	.0	.0	.0	2.2	.0	1.5	3.7	3.7	
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	4.1	4.1	4.9	.0	10.1	15.0	19.2	
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	6.4	6.4	.8	.0	17.3	18.1	24.4	
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.2	.0	3.4	3.6	3.6	
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	2.0	2.0	.2	.0	1.6	1.8	3.8	
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.3	.0	.0	.3	.3	
RP 2.09:	TECHNICAL ASSISTANCE	.0	.0	.0	.0	.1	.0	.3	.4	.4	
RP 2.11:	FOREST & RANGE RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1	
RP 3.01:	CORN	.0	.0	.0	.0	.2	.0	.0	.2	.2	
RP 3.03:	WHEAT	11.2	.0	.0	11.2	6.2	.0	.0	6.2	17.4	
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	.3	.0	.0	.3	1.5	.0	.0	1.5	1.8	
RP 3.06:	SOYBEANS	.0	.0	.0	.0	.4	.0	.0	.4	.4	
RP 3.08:	SUGAR	.5	.0	.0	.5	.5	.0	.0	.5	1.0	
RP 3.09:	FORAGE, RANGE, & PASTURE	5.6	.0	.0	5.6	2.4	.0	.0	2.4	8.0	
RP 3.12:	NEW CROPS & MINOR OILSEEDS	.9	.0	.0	.9	5.4	.0	.0	5.4	6.3	
RP 3.13:	FRUIT	16.0	.0	.0	16.0	23.3	.0	.0	23.3	39.2	
RP 3.14:	VEGETABLE CROPS	13.6	.0	.0	13.6	15.9	.0	.0	15.9	29.5	
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.3	.0	.0	.3	5.7	.0	.0	5.7	6.0	
RP 3.16:	BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.7	.0	.0	.7	.7	
RP 3.17:	WEEDS IN CROPS	1.1	.0	.0	1.1	.6	.0	.0	.6	1.7	
RP 3.18:	SEEDS	.1	.0	.0	.1	.1	.0	.0	.1	.2	
RP 3.19:	NONSPECIFIC-PLANTS	2.8	.0	.0	2.8	5.6	.0	.0	5.6	8.4	
RP 4.01:	BEEF	1.6	.0	.0	1.6	5.1	.0	.0	5.1	6.7	
RP 4.02:	DAIRY	1.6	.0	.0	1.6	4.1	.0	.0	4.1	5.7	
RP 4.03:	POULTRY	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1	
RP 4.04:	SHEEP	1.6	.0	.0	1.6	.9	.0	.0	.9	2.4	
RP 4.05:	SWINE	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1961
RESEARCH PROGRAM SUMMARY

REGION 4
WASHINGTON

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	3.8	.0	.0	3.8	.8	.0	.0	.8	4.5
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.3	.0	.0	.3	3.2	.0	.0	3.2	3.5
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.1	.0	.0	.1	.3	.0	.0	.3	.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.6	.0	.0	.6	.0	.0	.0	.0	.6
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 7.01: HANDMADE RESOURCES	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC CORR RESOURCES OR RPCS	.1	.0	.0	.1	1.8	.0	.0	1.8	1.9
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 8.02: FOOD PROCESSING	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 8.03: FOOD SAFETY	2.2	.0	.0	2.2	1.6	.0	.0	1.6	3.7
RP 8.05: FOOD SERVICE	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	74.2	.0	20.5	94.7	131.0	.0	51.1	182.1	276.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981				REGION 4						
RESEARCH PROGRAM SUMMARY				WYOMING						
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 1.01: SOIL & LAND USE	1.0	.0	.0	1.0	1.6	.0	.0	1.6	2.5	
RP 1.02: WATER & WATERSHEDS	1.2	.0	.0	1.2	2.1	.0	.0	2.1	3.3	
RP 1.03: RECREATION	.0	.0	.0	.0	.3	.0	.0	.3	.3	
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.8	.0	.0	.8	.8	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.4	.0	.0	.4	.4	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.2	.0	.0	.2	.2	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1	
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.7	.0	.0	.7	.7	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	2.0	2.0	.6	.0	.0	.6	2.6	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	1.0	1.0	.3	.0	.0	.3	1.3	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.7	.0	.0	.7	.7	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.5	.0	.0	.5	.5	
RP 2.11: FOREST & RANGE RESOURCES	.8	.0	.0	.8	.0	.0	.0	.0	.8	
RP 3.01: CORN	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1	
RP 3.03: WHEAT	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5	
RP 3.08: SUGAR	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0	
RP 3.09: FORAGE, RANGE, & PASTURE	3.5	.0	.0	3.5	7.1	.0	.0	7.1	10.6	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.3	.0	.0	.3	.3	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.4	.0	.0	.4	.0	.0	.0	.0	.4	
RP 3.16: BEES & OTHER POLLINATING INSECTS	3.0	.0	.0	3.0	.0	.0	.0	.0	3.0	
RP 3.19: NONSPECIFIC-PLANTS	.0	.0	.0	.0	.7	.0	.0	.7	.7	
RP 4.01: BEEF	.3	.0	.0	.3	8.4	.0	.0	8.4	8.7	
RP 4.02: DAIRY	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1	
RP 4.04: SHEEP	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1	
RP 4.08: NONSPECIFIC-ANIMALS	.0	.0	.0	.0	.2	.0	.0	.2	.2	
RP 4.09: INVERTEBRATES	.0	.0	.0	.0	.9	.0	.0	.9	.9	
RP 5.01: INDIVIDUALS AND FAMILIES	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 5.02: LIVING ENVIRONMENT	.0	.0	.0	.0	.2	.0	.0	.2	.2	
RP 5.03: COMMUNITIES INSTITUTIONS AND SERVICES	.0	.0	.0	.0	.3	.0	.0	.3	.3	
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.3	.0	.0	.3	.3	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981

RESEARCH PROGRAM SUMMARY

REGION 4

WYOMING

	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC CORN RESOURCES OR RFGS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 8.01: HUMAN NUTRITION	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	10.1	.0	3.0	13.1	44.8	.0	.0	44.8	57.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1981
RESEARCH PROGRAM SUMMARY

	REGION 4								TOTAL
	ARS	ERS/ACS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.13: FRUIT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 4.05: SWINE	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 8.03: FOOD SAFETY	.0	.0	.0	.0	.1	.0	.0	.1	.1
GRAND TOTAL	.0	.0	.0	.0	8.5	.0	.0	8.5	8.5